REALFINE
PAINTING CO.
PROFESSIONAL PAINTERS

Accident Prevention Program

Site Specific Job Hazard Analysis

TABLE OF CONTENTS

Leaderships Commitment

We at **Realfine Painting** are proud of our dedication to the safety and health of our employees. Our level of commitment begins at the top and goes above and beyond compliance. Providing an injury free work environment requires a team effort and our employees are encouraged to participate in identifying ways to make our company a safer place to work.

Working safely is a condition of employment at **Realfine Painting.**

Always report any safety concerns to your jobsite Supervisor.

Safety will NOT be compromised at Realfine Painting.

This Accident Prevention Plan provides **Realfine Painting** policies and procedures to be used on the project. **Realfine Painting** requires Project Supervisors to enforce the procedures and provide the necessary personal protective equipment. Employees are required to comply with policies and procedures and will receive appropriate training.

Any employee not adhereing to the Accident Prevention Plan Policies will face the following disciplinary produres. 1st offense will result in an oral warning. 2nd offense will result in a suspension from jobsite. 3rd offense will result in termination.

A copy of this Accident Prevention Plan will be on-site for the duration of the project and available to all employees.

We believe that each employee has the right to work in a safe environment and they understand that **Realfine Painting** will never compromise an employee's health.

Craig Vialle

Craig Vialle, owner

Site Specific Emergency Plan

Worksite Address: 1019 Pacific Ave, Tacoma, WA 98402 **Phone Number:** 253-651-4908

Worksite Supervisor: Joseph Rolirad **Phone:** 253-292-8041

Safety Representative Joe Rolirad

Fire / Emergency Call: 911

Nearest Hospital/ Occupational Medical Clinic:

Name	Address	Phone
St Joseph's	1717 So. J St, Tacoma	253-426-4101
Tacoma General	315 martin Luther King Way, Tacoma	253-403-1000

First Aid Certified Employees:

Name	Card Expiration Date
Joseph Rolirad	11/17/2022

First aid kit location(s):

Work Van

Assembly point after evacuation:

NE Corner of 11th and Pacific

Other emergency information:

Venture GC on site safety manager -Mark Vos 206-276-0401

Responsibilities

A. Management

Active participation in and support of safety and health programs is essential. Management officials will display their interest in safety and health matters at every opportunity. At least one manager (as designated) will participate in the safety meetings, incident investigations and inspections. Each manager will establish realistic goals for implementing instructions for meeting the goals.

B. Supervisors

The safety and health of **Realfine Painting** employees is a primary responsibility of the supervisors. To accomplish this obligation, supervisors will:

1. Assure that all safety and health rules, regulations, policies and procedures are understood and being followed.
2. Require the proper care and use of all required personal protective equipment.
3. Identify and eliminate job hazards quickly through job hazard analysis procedures.
4. Inform and train employees on the hazardous chemicals and/or procedures they MAY encounter under normal working conditions or during an emergency situation.
5. Receive and take initial action on employee suggestions, awards or disciplinary measures.
6. Conduct crew/leader meetings at least weekly to discuss safety and health matters, job hazard analysis, and work plans for the workday.
7. Conduct walk-around safety inspections at the beginning of each job, and at least weekly thereafter.
8. Train employees (new and experienced) in the safe and efficient methods of accomplishing each job or task as necessary.
9. Participate in incident investigations by completing **incident report form and submitting form to ERNwest.**
10. Promote employee participation in the safety and health program.
11. Actively follow the progress of injured workers and display an interest in their rapid recovery and return to work.

C. Employees

Observe the items of responsibility established in this document as well as job safety rules which may apply to specific task assignments.

1. Will actively participate by identifying and reporting workplace hazards.
2. Follow all company safety and health rules including PPE requirements.
3. Notify supervisor of all workplace injuries.
4. Engage and participate in safety meetings and trainings provided by **Realfine Painting**

Safety Disciplinary Policy

Realfine Painting believes that a safety and health Accident Prevention Program is unenforceable without some type of disciplinary policy. Our company believes that in order to maintain a safe and healthful workplace, the employees must be aware of all company, State, and Federal safety and health regulations as they apply to the specific job duties required. The following disciplinary policy is in effect and will be applied to all safety and health violations.

The following steps will be followed unless the seriousness of the violation would dictate going directly to Step 2 or Step 3.

1. A first-time violation will be discussed orally between company supervision and the employee. This will be done as soon as possible.

2. A second time offense will be followed up in written form and a copy of this written documentation will be added to the employee's personnel folder and may result in removal from jobsite.

3. A third time violation will result in time off or possible termination.

Team Member Injuries Procedures

A. Supervisor

1. FIRST AID KITS ARE AVAILABLE IN LEAD VEHICLE
2. Supervise and administer first aid as you wish.
3. Arrange for transportation (ambulance, helicopter, company vehicle, etc.), depending on the seriousness of the injury. Protect the injured person from further injury.
4. Notify owner or top management, if not already present.
5. Do not move anything unless necessary, pending investigation of the incident.
6. If possible, accompany injured person(s) to doctor/hospital.
7. When the injured person's immediately family is known, notify family members, preferable in person, or have an appropriate person do so.
8. **ERNwest Supervisor Incident Form** will be completed following incidents and submitted to **Mark Jensen**

B. Documentation

1. Minor injuries – requiring doctor or outpatient care: Following an injury, an incident form will be completed to analyze and review what caused and contributed to the incident and how the incident can be corrected. **Incident report form will be submitted to ERNwest** within 2-days of incident.

2. Major injuries – fatality, in-patient hospitalization, loss of eye or amputation: **Realfine Painting** will notify ERNwest and call Washington State Department of Labor and Industries within 8 hours of the incident **(1-800-4BE-SAFE).** Incident report form will be submitted to ERNwest within 2-days of incident.

3. Recordable injuries must be documented on the OSHA 300 log recordkeeping log, if applicable.

Incident Analysis Basics

- The purpose of an incident analysis is to find the cause of an incident and prevent future occurrences, not to fix blame. An unbiased approach is necessary to obtain objective findings.
- Visit the incident scene as soon as possible – while facts are fresh and before witnesses forget important details.
- If possible, interview the injured worker at the scene of the incident and “walk” him or her through a re-enactment.
- All interviews should be conducted as privately as possible. Interview witnesses one at a time. Talk with anyone who has knowledge of the incident, even if they did not actually witness the mishap.
- Graphically document details of the incident: area, tools, and equipment. Use sketches, diagrams, and photos as needed, and take measurements when appropriate.
- Focus on causes and hazards. Develop an analysis of what happened, how it happened, and how it could have been prevented. Determine what caused the incident itself (unsafe equipment/condition, unsafe act, etc), not just the injury.
- How will you prevent such incidents in the future? Every investigation should include an action plan.
- If a third party or defective product contributed to the incident, save any evidence. It could be critical to the recovery of the claim costs.

IMMEDIATELY SUBMIT COPY TO ERN*WEST* VIA FAX 877-717-0590 OR VIA EMAIL claimsreporting@ERNWest.com

EMPLOYEE INCIDENT REPORT

Company Name:_____Location Name: _____

_____

PART I TO BE COMPLETED BY SUPERVISOR AND PAYROLL

Employee:	Job Title:	Time Shift Began: AM / PM (circle)
Date of Incident:	Time of Incident: AM / PM (circle)	Reported to Employer:____/____/____
Employee's Home or Mailing Address:	Home Phone: ( )	Gender: [ ] Male [ ] Female
	Date of Hire:____/____/____	
	Date of Birth:____/____/____	Last Full Day Worked:____/____/____

Seen by:

[ ] Emergency Room [ ] Urgent Care [ ] Other

Treating Caregiver's Name, Address & Phone:

_____

_____

_____

1) Were prescription drugs prescribed? [ ] Yes [ ] No
2) Will employee lose time from work? [ ] Yes [ ] No
3) Was employee placed on modified duty? [ ] Yes [ ] No
4) Was worker hospitalized overnight? [ ] Yes [ ] No
5) Was the incident fatal? [ ] Yes [ ] No
6) If fatal, date of death ___/___/___

Describe in detail what employee was doing <u>just before</u> the incident occurred including the activity, tools, equipment, and/or material being used:

_____

_____

Describe how the incident occurred, including the activity being performed and objects, people associated with the injury:

_____

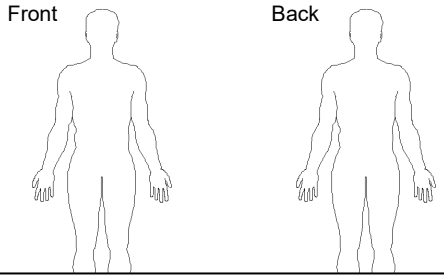
If applicable what object or substance directly harmed the employee:

_____

Part of Body (Circle side if applicable)

[ ] Head	[ ] Hand (L or R)	[ ] Knee (L or R)
[ ] Eyes (L or R)	[ ] Finger	[ ] Abdomen
[ ] Nose	[ ] Leg (L or R)	[ ] Entire
[ ] Mouth	[ ] Foot (L or R)	[ ] Glasses
[ ] Ear	[ ] Toes	[ ] Teeth
[ ] Shoulder (L or R)	[ ] Internal	[ ] Groin
[ ] Back	[ ] Multiple	[ ] Neck
[ ] Chest	[ ] Ankle (L or R)	[ ] Elbow (L or R)
[ ] Arm (L or R)	[ ] Wrist (L or R)	[ ] Rib
[ ] Hip	[ ] Face	

MARK INJURED AREA(s) BELOW



1) Rate of Pay_____per mo/wk/hr 2) Days Worked per Week_____ 3) Hours per Week _____

4) Health Benefits **(circle)** Y or N 5) Monthly benefits (med/vision) paid $_____per mo/wk/hr

PAYROLL Fill out this section if employee misses more than one day of work.

PART II TO BE COMPLETED BY EMPLOYEE

Was injury work related ? [ ] Yes [ ] No
I understand light work is available to me. [ ] Yes [ ] No

Employee statement of how incident occurred: _____

_____

<u>MEDICAL RELEASE AUTHORIZATION:</u> I hereby authorize my physician, clinic, hospital, agency, or therapy provider to release to my employer's representative any relevant medical records regarding current or previous treatment(s) that has been furnished to me.
Employee's Signature_____Date _____

Return to Work Form

We are committed to returning our team member back to work as soon as medically possible and we need your help! Please give this document back to our employee during your visit with them, they are required to return this to us within one (1) business day so we can try and assist in their rehabilitation by providing modified work. **YOU CAN BILL FOR FILLING OUT THIS FORM BY USING L&I CODE 1074M.**

Employee: _____ Company: _____ L&I Claim No.: _____

Date of injury: _____ Today's date: _____ Return visit on _____ First injury/condition of this type? ☐ Yes ☐ No

Initial Diagnoses: _____ Estimated full-duty release date _____

Treatment Plan (check all that apply)

☐ Physical Therapy ____times per week, for _____weeks ☐ Occupational Therapy ____times per week, for_____weeks

☐ Surgery - anticipated date _____

☐ X- Ray ☐ MRI ☐ CT Scan ☐ EMG ☐ Other _____

Referral to other providers: ☐ None ☐ Neurology ☐ Orthopedic Surgeon ☐ Physiatrist/Occ. Med. ☐ Rheumatologist ☐ Other_____

We have identified four (4) stages of modified duty, unless otherwise specified here_____(indicate # of hours per day & days per week) we are assuming this modified duty is approved for 40 hours per week. Below please check the appropriate stage to which our employee is released and feel free to cross out any task our employee should not be performing.

☐ **Stage 1:** Includes such activities as verbally greeting workers, directing field personnel in locating materials, answering jobsite phones, performing jobsite safety audits, filing paper work, and other duties within the physical demands described below.

Standing:	Rare/Occasional	**Carrying:**	1 - 10 lbs.	**Grasping/Handling:**	Frequently
Sitting:	Rare/Occasional	**Lifting:**	1 - 10 lbs.	**Bending/Squatting:**	Occasionally
Walking:	Rare/Occasional	**Push/Pull:**	1 - 10 lbs.	**Twisting/Climbing:**	Rare

☐ **Stage 2:** In addition to Stage 1, transferring materials to other jobsites, perform quality control inspections, clean & inspect equipment brushes/sprayer, carpool assistant, guard shack duty, material issue, and other duties within the physical demands described below.

Standing:	Occasionally	**Carrying:**	11 - 25 lbs.	**Grasping/Handling:**	Continuously
Sitting:	Occasionally	**Lifting:**	11 - 25 lbs.	**Bending/Squatting:**	Occasionally
Walking:	Occasionally	**Push/Pull:**	11 - 25 lbs.	**Twisting/Climbing:**	Rare

☐ **Stage 3:** In addition to Stages 1 and 2, custodian, loading/unloading and staging of miscellaneous materials, masking application & removal, inventory & organize shop materials, operating equipment such as a forklift, and other duties w/in the physical demands described below.

Standing:	Frequently	**Carrying:**	26 - 50 lbs.	**Grasping/Handling:**	Continuously
Sitting:	Occasionally	**Lifting:**	26 - 50 lbs.	**Bending/Squatting:**	Occasionally
Walking:	Frequently	**Push/Pull:**	26 - 50 lbs.	**Twisting/Climbing:**	Rare

☐ **Stage 4: Return to full duty no restrictions:**

_____

Doctor Signature **REQUIRED** Date Medical provider name and phone

DEFINITIONS

Rare: 0% - 10%

Occasional: 11% - 33%

Frequent: 34% - 66%

Constant: 67% - 100%

WAC 296-19A-030 requires doctors to respond to requested information in a timely manner, which includes physical capabilities or restrictions.

*This form should be returned to the injured employee during their appointment to facilitate a quick return to work. If this is not possible please fax it to **877-717-0590** and it will be forwarded to the employer.*

____/____/___

_____

_____

_____

_____

RE: L&I Claim # _____

Dear _____

I am pleased to offer you employment with_____which will accommodate your current physical capacities. The job is that of _____. This job is available on a reasonably continuous basis and additional modifications can be made based on objective medical findings and associated restrictions. The details of this offer are subject to all hiring and employment requirements and may include verification of employment eligibility and drug testing. A detailed description of the job which has been approved by a medical provider has been attached to this letter. The specifics of your employment include but are not limited to:

1) You will report for duty on_____/_____/_____. Your shift will begin at __:___ and will end at ___:_____. You will be scheduled for_____shifts per week.
2) You will report to_____, who will act as your direct supervisor.
3) Your wage will be $_____per hour and you will receive benefits in accordance with our company policy.
4) If you have additional medical appointments, you must schedule them outside of work hours unless approved by a supervisor, or scheduled by L&I.
5) As necessary, training will be provided to help satisfactorily complete assigned duties not previously performed.

Should you have any questions regarding this letter, please contact me at (_____)_____-_____. Please contact me by telephone no later than ___/_____/_____. to accept or decline this job offer.

Please check the appropriate box below and return this letter to me, by hand, or post-marked no later than _____/_____/_____.. If you do not contact me by_____/_____/_____, and/or you do not show up for work on _____/_____/___. your time loss benefits will most likely end.

_____ I ACCEPT THIS OFFER

_____ I DECLINE THIS OFFER (may affect L&I time loss benefits)

_____

Employee's Signature Date

Sincerely,

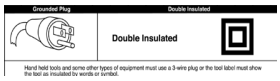
_____

Authorized Signature

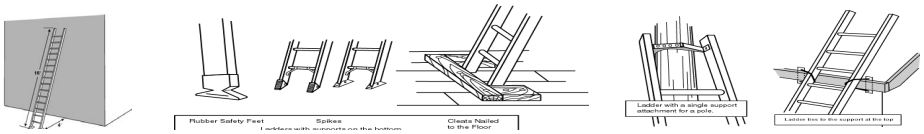
Encl.: Return To Work Form
Cc: ERNWest

General Safety Rules

1. Always store materials in a safe manner to prevent falling, rolling, or shifting.
2. Shavings, dust scraps, oil or grease should not be allowed to accumulate.
3. Trash piles must be removed as soon as possible. Trash is a safety and fire hazard.
4. Remove or bend nails in lumber that has been used or removed from a structure.
5. Immediately remove all loose materials from stairs, walkways, ramps, platforms, etc.
6. Do not block aisles, traffic lanes, fire exits, gangways, or stairs.
7. Guardrails must be erected around floor openings and excavations must be barricaded.
8. Do not remove, deface or destroy any warning, danger sign, or barricade.
9. Get help with heavy or bulky materials to avoid injury to yourself or damage to material.
10. Keep all tools away from the edges of scaffolding, platforms, shaft openings, etc.
11. Do not use tools with split, broken, or loose handles, or burred or mushroomed heads.
12. Know the correct use of hand and power tools. Use the right tool for the job.
13. Know the location and use of fire extinguishing equipment.
14. Proper guards or shields must be installed on all power tools before use. Do not use any tools without the guards in their proper working condition.
15. All electrical power tools, extension cords, and equipment must be properly grounded.
16. All electrical power tools and extension cords must be properly insulated. Damaged cords must be replaced.
17. All electrical power equipment and tools must be grounded or double insulated.



18. Inspect all ladders and now how to properly set up ladders before using.



Fall Protection

Falls from elevation are a major cause of deaths in the construction industry. We at **Realfine Painting** are committed to eliminating injuries caused by fall hazards by instituting a program in accordance with WAC 296-880 Fall Protection Requirements.

Employees will use fall protection if there is a potential for serious harm regardless of height if:

- Working above or Adjacent to Dangerous Equipment such as Vats or Machinery
- Floor Holes and Floor Openings create fall hazard
- Impalement hazards such as rebar or wood stakes create hazard to employees

Employees will use 4ft fall protection if exposed to fall hazards four feet or more to ground or lower level while working on walking working surfaces as defined in the Fall Protection Rule. Fall Protection at 4ft may include:

- Hazardous slopes
- Wall Openings
- Skylight Openings
- Ladderway Floor Openings
- Working around Manholes
- Low Pitch Roofs (4:12 or Less)
- Areas with Hatchways and Chutes
- Steep Pitch Roofs (5:12 or Greater)
- Walking Working Surface defined by WAC

All work sites with fall hazards of 10 feet or more will have a site-specific fall protection work plan completed before any employees begin work. The employees on that specific job will be trained in the fall hazards and the method used to implement fall protection when there is exposure to a fall hazard of 10 feet or more. Employees who fail to follow this policy are subject to disciplinary action, up to and including dismissal.

The evaluation of the jobsite and the completion of the fall protection work plan will be done by a designated “competent person,” who has an understanding of DOSH fall protection requirements, the fall protection systems available for use, and has the authority to take corrective action to eliminate employee exposure to fall hazards.

Fall protection will be provided either through the use of a fall arrest system or a fall restraint system as shown below and thoroughly described in the fall protection work plan available on site for review.

Fall Arrest

Fall Restraint

Positioning

Ladder and Lifting Safety

Ladders

• Full body harness when working at greater than 25’ and both hands must be used to do the job.
Work Rules:
• Before you use a ladder check it for defects such as loose joints, grease on steps, or missing rubber feet.
• Do not paint a ladder! You may hide a defect.
• Do not use a ladder as a brace, workbench or for any other purpose than climbing.
• Do not carry objects up or down a ladder if it will prevent you from using both hands to climb.
• Always face the ladder when climbing up or down.
• If you must place a ladder at a doorway, barricade the door to prevent its use and post a sign.
• Only one person is allowed on a ladder at a time.
• Always keep both feet on the ladder rungs except while climbing. Do not step sideways from an unsecured ladder onto
another object.
• If you use a ladder to get to a roof or platform, the ladder must extend at least 3' above the landing and be secured
at the top and bottom.
• Do not lean a step ladder against a wall and use it as a single ladder. Always unfold the ladder and lock the spreaders.
• Do not stand on the top step of a step ladder.
• Set a single or extension ladder with the base 1/4 of the working ladder length away from the support.
Lifting Tasks: All locations

Lifting

• Leather gloves – for sharp objects or surfaces
• Steel toe safety shoes in production and shipping areas (to be supplied by the employee) must be in good condition and be
marked “ANSI Z41 C - 75”
Work Rules:
• Consult your supervisor about lifting limits in your department.
• Use a mechanical device such as a forklift, hoist, hand truck or elevatable table whenever
possible to do the lift or to bring the load up between the knees and waist before you lift.
• Break the load down into smaller components if possible to provide a comfortable lift.
• Do not lift on slippery surfaces.
• Test the load before doing the lift.
• Get help if the load is too heavy or awkward to lift alone.
• Make sure you have a good handhold on the load.
• Do not jerk the load or speed up while lifting. Lift the load in a smooth and controlled manner.
• Do not twist while lifting (especially with a heavy load). Turn and take a step.
• Keep the load close to the body. Walk as close as possible to the load. Pull the load towards you before lifting if necessary.
• Avoid long forward reaches to lift over an obstruction.
• Avoid bending your back backwards to loft or place items above your shoulder. Use a step stool or platform
• Do not lift while in an awkward position.
• Back injury claims are painful for the worker and expensive for the company. Lift safely!
The signatures below document that the employee received training on how to lift safely

Motorized Vehicles and Equipment

1. Do not operate motorized vehicle or equipment unless you are specifically trained.
2. Always use your seat belts in the correct manner.
3. Obey all speed limits and other traffic regulations.
4. Always be aware of pedestrians and give them the right-of-way.
5. Always inspect your vehicle or equipment before and after daily use.
6. Never mount or dismount any vehicles or equipment while they are still in motion.
7. Do not dismount any vehicle without first shutting down the engine, setting the parking brake and securing the load.
8. Do not allow other persons to ride the hook or block, dump box, forks, bucket or shovel of any equipment.
9. Each operator must be knowledgeable of all hand signals and obey them.
10. Each operator is responsible for the stability and security of his/her load.
11. No Cell Phones, Ear Buds, or Texting while operating motor vehicles.
12. All vehicles must have audible warning device (horn) and reverse signal alarm.

General Materials Handling Safety

- Make sure that all materials stored in tiers are stacked, racked, blocked, interlocked, or otherwise secured to prevent sliding, falling, or collapse.

- Post conspicuously the maximum safe load limits of floors within buildings and structures, in pounds per square foot, in all storage areas, except for floor or slab on grade. Do not exceed the maximum safe loads.

- Do not store materials on scaffolds or runways in excess of supplies needed for immediate operations.

- Do not place materials stored inside buildings under construction within 6 feet of any hoist way or inside floor openings, or within 10 feet of an exterior wall which does not extend above the top of the material stored.

Nylon Rigging Hazards

- Never load rigging equipment in excess of its recommended safe working load.

- Mark special rigging accessories (i.e., spreader bars, grabs, hooks, clamps, etc.) or other lifting accessories with the rated capacity. Proof test all components to 125% of the rated load prior to the first use. Maintain permanent records on the job site for all special rigging accessories.

Disposal of waste materials

- Whenever materials are dropped more than 20 feet to any point lying outside the exterior walls of the building, use an enclosed chute of wood or equivalent material.

- Remove all rags, empty paint cans, scrap lumber, waste material, and rubbish from the immediate work area as the work progresses.

- Keep all solvent waste, oily rags, and flammable liquids in fire-resistant covered containers until removed from the work site.

Global Harmonization System

Realfine Painting is committed to the prevention of exposures that result in injury and/or illness; and to comply with all **WAC 296-901 Global Harmonization System (GHS) Rules**. To make sure that all affected employees know about information concerning the dangers of all hazardous chemicals used.

Safety Data Sheets (SDS):

Mark Jensen is responsible to establish and monitor the SDS program. This person will make sure SDSs are obtained for all hazardous chemicals used in the workplace and review them for new or significant health and safety information changes. This person will see that any new information is passed on to affected employees. In addition, they will be responsible for updating the SDS book.

SDS books are always available to all employees for all hazardous chemicals in use and will be kept at main office computer drive. If an SDS is not available or a new chemical in use does not have an SDS, immediately contact the Realfine Office.

Employee Information and Training:

Mark Jensen is responsible for the employee training.

The procedures for how employees will be informed and trained are as follows:

- An overview of the requirements contained in the Global Harmonization Hazardous Chemicals Standard present in the work area.
- Physical and health risks of the hazardous chemical.
- The symptoms of overexposure.
- How to determine the presence or release of hazardous chemicals in the work area.
- How to reduce or prevent exposure to hazardous chemicals through use of control procedures, work practices, and personal protective equipment.
- How to read labels and review SDSs to obtain hazard information.
- Location of the SDS file and written GHS program.

Before introducing a new chemical hazard into any work area of this employer, each affected employee will be given an orientation as outlined above for the new chemical.

The following is a list of all known hazardous chemicals used by our employees.

HAZARDOUS MATERIALS LIST

Water Based Paints-

-HAZARDS IDENTIFICATION
Primary Routes of Exposure: Eye contact, Skin contact, Inhalation, Ingestion Potential Acute Exposure Effects:
Eyes: May cause slight irritation
Skin: May cause mild irritation
Inhalation: May cause irritation of respiratory tract
Ingestion: May be harmful if swallowed
Overexposure signs/symptoms: Eyes: Watering, redness or irritation Skin: Irritation, dryness Inhalation: Respiratory tract irritation, coughing Ingestion: No specific data

-DISPOSAL Never pour leftover coating down any sink or drain – use up material on the job or seal can and store safely for future use. Do not incinerate closed containers. For specific disposal or recycle guidelines, contact your local waste management agency or district. Always attempt to recycle whenever possible

-FIRST AID MEASURES Eyes: Flush eyes with large amounts of water for 15 minutes. Get medical attention. Skin: Remove contaminated clothing. Wash thoroughly with soap and water. Inhalation: Move to fresh air. Seek medical attention if symptoms continue. Ingestion: Do not induce vomiting. Get medical attention immediately.

-FIRE FIGHTING MEASURES Flammable Properties: This product is not flammable
Extinguishing Media: Use foam, carbon dioxide, dry powder, water fog , or an extinguishing agent appropriate for the surrounding fire.
Unusual Fire and Explosion Hazards: Closed containers may rupture or explode when exposed to extreme heat (due to build-up of pressure). Closed containers may explode when exposed to extreme heat. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention. Protective Equipment: Firefighters should wear self-contained breathing apparatus and full protective gear.

-ACCIDENTAL RELEASE MEASURES Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Prevent further leakage or spillage. Soak up with inert absorbent material and transfer to a suitable container for proper disposal.

-HANDLING AND STORAGE Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors, spray mists or sanding dust. Provide adequate ventilation. Wear appropriate respiratory equipment if ventilation is inadequate. Wash thoroughly after handling. Storage: Keep container closed when not in use. Transfer only to properly labeled containers. Keep out of reach of children.

-DISPOSAL CONSIDERATIONS Disposal Instructions: Do not allow material to drain into sewers/water supplies. Dispose of in accordance with all federal, state and local regulations. Consider recycling.

SAFETY DATA SHEET

1. Identification

Product identifier	**247 AcryShield 100% Acrylic Exterior Masonry Primer**
Other means of identification	None.
Recommended use	Architectural Coating
Recommended restrictions	None known.

Manufacturer/Importer/Supplier/Distributor information

Company name	Kelly-Moore Paint Co., Inc.
Address	987 Commercial St., San Carlos, CA 94070
Telephone	1-800-874-4436
E-mail	TAlvarez@kellymoore.com
Contact person	Tiffany Alvarez
Emergency phone number	CHEMTREC: 1-800-424-9300

2. Hazard(s) identification

Physical hazards	Not classified.
Health hazards	Not classified.
OSHA defined hazards	Not classified.

Label elements

Hazard symbol	None.
Signal word	None.
Hazard statement	The mixture does not meet the criteria for classification.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Wash hands after handling.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Titanium dioxide	13463-67-7	5-10

All concentrations are in percent by weight (kg) unless ingredient is a gas. Gas concentrations are in percent by volume (l).

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.

General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Avoid prolonged exposure. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection	Use safety glasses, goggles, or face shield to protect eyes.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Skin protection	
Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance	Milky white to colored liquid.
Physical state	Liquid.
Form	Liquid.

Color	Various.
Odor	Slightly ammoniacal.
Odor threshold	Not available.
pH	7 - 10
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	< 1 (n-BuAc=1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	> 1 (Air=1)
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Moderately soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
VOC (Weight %)	85.83 g/L

10. Stability and reactivity

Reactivity Chemical	The product is stable and non-reactive under normal conditions of use, storage and transport.
stability Possibility of	Material is stable under normal conditions.
hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Acids. Fluorine.
Hazardous decomposition products	Carbon oxides. Metal oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity Not available.

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely. Inhalation of quartz dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.

IARC Monographs. Overall Evaluation of Carcinogenicity

Titanium dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

Further information This product has no known adverse effect on human health.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil This product is moderately water soluble and may disperse in soil.

Other adverse effects None known.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established.

15. Regulatory information

US federal regulations All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Titanium dioxide (CAS 13463-67-7)

US. New Jersey Worker and Community Right-to-Know Act

Titanium dioxide (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Titanium dioxide (CAS 13463-67-7)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	30-November-2015
Revision date	-
Version #	01

HMIS® ratings	Health: 1 Flammability: Physical hazard: 0
Disclaimer	Kelly-Moore Paint Co., Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

KELLY-MOORE PAINTS
The Painter's Paint Store

SAFETY DATA SHEET

1. Identification

Product identifier **255 AcryShield 100% Acrylic Exterior Wood Primer**

Other means of identification None.

Recommended use Architectural Coating

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name Kelly-Moore Paint Co., Inc.
Address 987 Commercial St., San Carlos, CA 94070
Telephone 1-800-874-4436
E-mail TAlvarez@kellymoore.com
Contact person Tiffany Alvarez
Emergency phone number CHEMTREC: 1-800-424-9300

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Not classified.

OSHA defined hazards Not classified.

Label elements

Hazard symbol None.
Signal word None.
Hazard statement The mixture does not meet the criteria for classification.
Precautionary statement
Prevention Observe good industrial hygiene practices.
Response Wash hands after handling.
Storage Store away from incompatible materials.
Disposal Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Titanium dioxide	13463-67-7	5-10
Silicon dioxide, crystalline silica-free	7631-86-9	1-5

All concentrations are in percent by weight (kg) unless ingredient is a gas. Gas concentrations are in percent by volume (l).

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Avoid prolonged exposure. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection	Use safety glasses, goggles, or face shield to protect eyes.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Skin protection	
Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance	Milky white to colored liquid.
Physical state	Liquid.
Form	Liquid.
Color	Various.
Odor	Slightly ammoniacal.
Odor threshold	Not available.
pH	7 - 10
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	< 1 (n-BuAc=1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	> 1 (Air=1)
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Moderately soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
VOC (Weight %)	96.13 g/L

10. Stability and reactivity

Reactivity Chemical	The product is stable and non-reactive under normal conditions of use, storage and transport.
stability Possibility of	Material is stable under normal conditions.
hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Acids. Fluorine.
Hazardous decomposition products	Carbon oxides. Metal oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely. Inhalation of quartz dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.

IARC Monographs. Overall Evaluation of Carcinogenicity

Silicon dioxide, crystalline silica-free (CAS 7631-86-9)	3 Not classifiable as to carcinogenicity to humans.
Titanium dioxide (CAS 13463-67-7)	2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

Further information This product has no known adverse effect on human health.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil This product is moderately water soluble and may disperse in soil.

Other adverse effects None known.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

15. Regulatory information

US federal regulations All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Titanium dioxide (CAS 13463-67-7)

US. New Jersey Worker and Community Right-to-Know Act

Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Titanium dioxide (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Titanium dioxide (CAS 13463-67-7)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 30-November-2015

Revision date -

Version # 01

HMIS® ratings Health: 1
Flammability: 1
Physical hazard: 0

Disclaimer Kelly-Moore Paint Co., Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

SAFETY DATA SHEET

1. Identification

Product identifier **265 KM PROFESSIONAL Water-Oil Hybrid — Interior/Exterior — Primer / Undercoater**

Other means of identification None.

Recommended use Architectural Coating

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name Kelly-Moore Paint Co., Inc.
Address 987 Commercial St., San Carlos, CA 94070
Telephone 1-800-874-4436
E-mail TAlvarez@kellymoore.com
Contact person Tiffany Alvarez
Emergency phone number CHEMTREC: 1-800-424-9300

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Carcinogenicity Category 2

OSHA defined hazards Not classified.

Label elements

Signal word Warning

Hazard statement Suspected of causing cancer.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.

Response If exposed or concerned: Get medical advice/attention.

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Calcium carbonate	1317-65-3	10-20
Titanium dioxide	13463-67-7	10-20
Ethylbenzene	100-41-4	<1

All concentrations are in percent by weight (kg) unless ingredient is a gas. Gas concentrations are in percent by volume (l).

Composition comments Components not listed are either non-hazardous or are below reportable limits.

4. First-aid measures

Inhalation Move to fresh air. Oxygen or artificial respiration if needed. Get medical attention if any discomfort continues.

Skin contact	Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. Get medical attention if irritation persists after washing.
Eye contact	Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist.
Ingestion	Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	If exposed or concerned: get medical attention/advice.

5. Fire-fighting measures

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. Avoid inhalation of vapors and contact with skin and eyes. Wear appropriate personal protective equipment (See Section 8).
Methods and materials for containment and cleaning up	Should not be released into the environment. Stop the flow of material, if this is without risk. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Large Spills: Absorb in vermiculite, dry sand or earth and place into containers. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. This product is moderately soluble in water.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash thoroughly after handling. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store locked up. Store away from incompatible materials (see Section 10 of the SDS). Store in tightly closed original container in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Ethylbenzene (CAS 100-41-4)	PEL	435 mg/m3
		100 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Ethylbenzene (CAS 100-41-4)	TWA	20 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ethylbenzene (CAS 100-41-4)	STEL	545 mg/m3
		125 ppm
	TWA	435 mg/m3
		100 ppm

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Ethylbenzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*

* - For sampling details, please see the source document.

Appropriate engineering controls Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection Use safety glasses, goggles, or face shield to protect eyes.

Skin protection

Hand protection Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Other Wear suitable protective clothing.

Respiratory protection Use NIOSH certified, air purifying respirators with N-, P-, or R- series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. protection provided by air-purifying respirators is limited. Selection and use of respiratory protective equipment should be in accordance with OSHA General Industry Standard 29 CFR 1910.134. Consult a qualified industrial hygienist or Safety Professional for respirator selection guidance.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance Milky white to colored liquid.

Physical state Liquid.

Form Liquid.

Color Various.

Odor Slightly ammoniacal.

Odor threshold Not available.

pH	7 - 10
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	< 1 (n-BuAc=1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	> 1 (Air=1)
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Moderately soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
VOC (Weight %)	20.07 g/L

10. Stability and reactivity

Reactivity Chemical	The product is stable and non-reactive under normal conditions of use, storage and transport.
stability Possibility of	Material is stable under normal conditions.
hazardous reactions	Will not occur.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	Carbon oxides. Metal oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	Prolonged or repeated contact may dry skin and cause irritation.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Not available.
Symptoms related to the physical, chemical and toxicological characteristics	Exposure may cause temporary irritation, redness, or discomfort.

Information on toxicological effects

Acute toxicity	Ingestion may cause irritation and malaise. In high concentrations, vapors and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.
Skin corrosion/irritation	Prolonged or repeated contact may dry skin and cause irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely. Contains ethylbenzene, which is classified as an IARC 2B chemical (Possibly Carcinogenic to Humans).

IARC Monographs. Overall Evaluation of Carcinogenicity

Ethylbenzene (CAS 100-41-4)	2B Possibly carcinogenic to humans.
Titanium dioxide (CAS 13463-67-7)	2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged or repeated contact may dry skin and cause dermatitis.

Further information Components of the product may be absorbed into the body through the skin.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil The product is water soluble and may spread in water systems.

Other adverse effects None known.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Dispose in accordance with applicable federal, state, and local regulations.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Ethylbenzene (CAS 100-41-4) LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - Yes
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Ethylbenzene	100-41-4	<1

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Ethylbenzene (CAS 100-41-4)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Calcium carbonate (CAS 1317-65-3)
Ethylbenzene (CAS 100-41-4)
Kaolin (CAS 1332-58-7)
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)

US. New Jersey Worker and Community Right-to-Know Act

Calcium carbonate (CAS 1317-65-3)
Ethylbenzene (CAS 100-41-4)
Kaolin (CAS 1332-58-7)
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Calcium carbonate (CAS 1317-65-3)
Ethylbenzene (CAS 100-41-4)
Kaolin (CAS 1332-58-7)
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)

US. Rhode Island RTK

Ethylbenzene (CAS 100-41-4)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Ethylbenzene (CAS 100-41-4)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 30-November-2015

Revision date -

Version # 01

Further information HMIS® is a registered trade and service mark of the NPCA.

HMIS® ratings Health: 2*
Flammability: 1
Physical hazard: 0

References ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices
EPA: AQUIRE database
HSDB® - Hazardous Substances Data Bank
IARC Monographs. Overall Evaluation of Carcinogenicity
National Toxicology Program (NTP) Report on Carcinogens
NLM: Hazardous Substances Data Base
US. IARC Monographs on Occupational Exposures to Chemical Agents

Disclaimer The information in the sheet was written based on the best knowledge and experience currently available. Kelly-Moore Paint Co., Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.

SAFETY DATA SHEET

1. Identification

Product identifier **295 KEL BOND Universal Primer**

Other means of identification None.

Recommended use Architectural Coating

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name Kelly-Moore Paint Co., Inc.
Address 987 Commercial St., San Carlos, CA 94070
Telephone 1-800-874-4436
E-mail TAlvarez@kellymoore.com
Contact person Tiffany Alvarez
Emergency phone number CHEMTREC: 1-800-424-9300

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Not classified.

OSHA defined hazards Not classified.

Label elements

Hazard symbol None.
Signal word None.
Hazard statement The mixture does not meet the criteria for classification.
Precautionary statement
Prevention Observe good industrial hygiene practices.
Response Wash hands after handling.
Storage Store away from incompatible materials.
Disposal Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Titanium dioxide	13463-67-7	< 22
Talc	14807-96-6	< 5

All concentrations are in percent by weight (kg) unless ingredient is a gas. Gas concentrations are in percent by volume (l).

4. First-aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	This product is miscible in water. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Avoid prolonged exposure. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection	Use safety glasses, goggles, or face shield to protect eyes.
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.
Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance	Milky white to colored liquid.
Physical state	Liquid.
Form	Liquid.
Color	Various.
Odor	Slightly ammoniacal.
Odor threshold	Not available.
pH	7 - 10
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	< 1 (n-BuAc=1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	> 1 (Air=1)
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Moderately soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
VOC (Weight %)	89.26 g/l

10. Stability and reactivity

Reactivity Chemical	The product is stable and non-reactive under normal conditions of use, storage and transport.
stability Possibility of	Material is stable under normal conditions.
hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity

Components	Species	Test Results
Talc (CAS 14807-96-6)		
Acute		
Oral		
LD50	Rat	> 5000 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.

IARC Monographs. Overall Evaluation of Carcinogenicity

Silicon dioxide, crystalline silica-free (CAS 7631-86-9)	3 Not classifiable as to carcinogenicity to humans.
Titanium dioxide (CAS 13463-67-7)	2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

Further information This product has no known adverse effect on human health.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Mobility in soil This product is moderately water soluble and may disperse in soil.

Other adverse effects None known.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

15. Regulatory information

US federal regulations This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - No
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)

US. New Jersey Worker and Community Right-to-Know Act

Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	30-July-2015
Revision date	-
Version #	01
HMIS® ratings	Health: 1 Flammability: 1 Physical hazard: 0
Disclaimer	Kelly-Moore Paint Co., Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

SAFETY DATA SHEET

1. Identification

Product identifier **1005 Premium Professional Interior Flat Paint**

Other means of identification

Product code 1005 (-122, -333, -555)

Recommended use Architectural Coating

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name Kelly-Moore Paint Co., Inc.

Address 987 Commercial St.
San Carlos, CA 94070, USA

Email TAlvarez@kellymoore.com

Contact person Tiffany Alvarez Gonda

Telephone 1-800-874-4436

Emergency telephone CHEMTREC: 1-800-424-9300

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards

Sensitization, skin	Category 1
Carcinogenicity (inhalation)	Category 2

OSHA defined hazards Not classified.

Label elements

Signal word Warning

Hazard statement May cause an allergic skin reaction. Suspected of causing cancer by inhalation.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response If on skin: Wash with plenty of water. If exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Titanium dioxide	13463-67-7	< 28
Amorphous Silica: Uncalcinated Diatomaceous Earth	61790-53-2	< 10

Kaolin	1332-58-7	< 10
Aluminum hydroxide	21645-51-2	< 5
Limestone	1317-65-3	< 5
Silicon dioxide, crystalline silica-free	7631-86-9	< 5
2-Methyl-2H-isothiazol-3-one	2682-20-4	< 0.1
5-Chloro-2-methyl-2H-isothiazol-3-one	26172-55-4	< 0.1

All concentrations are in percent by weight (kg) unless ingredient is a gas. Gas concentrations are in percent by volume (l).

4. First-aid measures

Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

Most important symptoms/effects, acute and delayed May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

Fire fighting equipment/instructions Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Environmental precautions Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Kaolin (CAS 1332-58-7)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Limestone (CAS 1317-65-3)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Titanium dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
Amorphous Silica: Uncalcinated Diatomaceous Earth (CAS 61790-53-2)	TWA	0.8 mg/m3	
		20 mppcf	
Kaolin (CAS 1332-58-7)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)	TWA	0.8 mg/m3	
		20 mppcf	
Titanium dioxide (CAS 13463-67-7)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Aluminum hydroxide (CAS 21645-51-2)	TWA	1 mg/m3	Respirable fraction.
Kaolin (CAS 1332-58-7)	TWA	2 mg/m3	Respirable fraction.
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Amorphous Silica: Uncalcinated Diatomaceous Earth (CAS 61790-53-2)	REL	6 mg/m3	
	TWA	6 mg/m3	
Kaolin (CAS 1332-58-7)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Limestone (CAS 1317-65-3)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)	TWA	6 mg/m3	

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Skin protection

Other Wear appropriate chemical resistant clothing.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance Milky white to colored liquid.

Physical state Solid.

Form Liquid.

Color Various.

Odor Slightly ammoniacal.

Odor threshold Not available.

pH 7 - 10

Melting point/freezing point Not available.

Initial boiling point and boiling range Not available.

Flash point Not available.

Evaporation rate < 1 (n-BuAc=1)

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%) Not available.

Flammability limit - upper (%) Not available.

Explosive limit - lower (%) Not available.

Explosive limit - upper (%) Not available.

Vapor pressure Not available.

Vapor density > 1 (Air=1)

Relative density Not available.

Solubility(ies)

Solubility (water) Moderately soluble

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature Not available.

Decomposition temperature	Not available.
Viscosity	Not available.

Other information

Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
VOC	0.13971 - 0.225 g/L

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	Carbon oxides. Metal oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause cancer by inhalation.
Skin contact	May cause an allergic skin reaction.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	May cause discomfort if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics	May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.

Information on toxicological effects

Acute toxicity	Not expected to be acutely toxic.

Components	Species	Test Results
Aluminum hydroxide (CAS 21645-51-2)		
Acute		
Oral		
LD50	Rat	> 5000 mg/kg
Kaolin (CAS 1332-58-7)		
Acute		
Dermal		
LD50	Rat	> 5000 mg/kg
Inhalation		
LC50	Rat	> 2 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
Inhalation		
Dust		
LC50	Rat	> 0.14 mg/l, 4 Hours
Oral		
LD50	Rat	> 3300 mg/kg

Components	Species	Test Results
Titanium dioxide (CAS 13463-67-7)		
Acute		
Oral		
LD50	Rat	> 5000 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.

IARC Monographs. Overall Evaluation of Carcinogenicity

Amorphous Silica: Uncalcinated Diatomaceous Earth (CAS 61790-53-2)	3 Not classifiable as to carcinogenicity to humans.
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)	3 Not classifiable as to carcinogenicity to humans.
Titanium dioxide (CAS 13463-67-7)	2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure Not classified.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not an aspiration hazard.

Chronic effects Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
Kaolin (CAS 1332-58-7)			
Aquatic			
Acute			
Crustacea	LC50	Daphnia magna	> 1.1 g/l, 48 Hours
Titanium dioxide (CAS 13463-67-7)			
Aquatic			
Acute			
Crustacea	EC50	Daphnia magna	> 100 mg/l, 48 Hours
Fish	LL50	Oryzias latipes	> 100 mg/l, 96 Hours

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil The product is water soluble and may spread in water systems.

Other adverse effects None known.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

2-Methyl-2H-isothiazol-3-one (CAS 2682-20-4)	1.0 % One-Time Export Notification only.
5-Chloro-2-methyl-2H-isothiazol-3-one (CAS 26172-55-4)	1.0 % One-Time Export Notification only.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Toxic Substances Control Act (TSCA)	All components on the TSCA 8(b) inventory are designated "active" or are exempt from reporting under the Inventory Update Rule.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical	Yes
Classified hazard categories	Respiratory or skin sensitization Carcinogenicity

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)	Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Amorphous Silica: Uncalcinated Diatomaceous Earth (CAS 61790-53-2)
Kaolin (CAS 1332-58-7)
Limestone (CAS 1317-65-3)
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Titanium dioxide (CAS 13463-67-7)

US. New Jersey Worker and Community Right-to-Know Act

Amorphous Silica: Uncalcinated Diatomaceous Earth (CAS 61790-53-2)
Kaolin (CAS 1332-58-7)
Limestone (CAS 1317-65-3)
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Titanium dioxide (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Amorphous Silica: Uncalcinated Diatomaceous Earth (CAS 61790-53-2)
Kaolin (CAS 1332-58-7)
Limestone (CAS 1317-65-3)
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Titanium dioxide (CAS 13463-67-7)

US. Rhode Island RTK

Amorphous Silica: Uncalcinated Diatomaceous Earth (CAS 61790-53-2)
Kaolin (CAS 1332-58-7)
Limestone (CAS 1317-65-3)
Titanium dioxide (CAS 13463-67-7)

California Proposition 65

WARNING: This product can expose you to chemicals including Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

1,4-Dioxane (CAS 123-91-1)	Listed: January 1, 1988
4-Methylpentan-2-one (CAS 108-10-1)	Listed: November 4, 2011
Acetaldehyde (CAS 75-07-0)	Listed: April 1, 1988
Benzene (CAS 71-43-2)	Listed: February 27, 1987
Cumene (CAS 98-82-8)	Listed: April 6, 2010
Dichloromethane (CAS 75-09-2)	Listed: April 1, 1988
Diethanolamine (CAS 111-42-2)	Listed: June 22, 2012
Ethylbenzene (CAS 100-41-4)	Listed: June 11, 2004
Ethylene oxide (CAS 75-21-8)	Listed: July 1, 1987
Formaldehyde (CAS 50-00-0)	Listed: January 1, 1988
Methyloxirane (CAS 75-56-9)	Listed: October 1, 1988
Silica, Crystalline (airborne particles of respirable size) (CAS 14808-60-7)	Listed: October 1, 1988
Titanium dioxide (CAS 13463-67-7)	Listed: September 2, 2011

California Proposition 65 - CRT: Listed date/Developmental toxin

4-Methylpentan-2-one (CAS 108-10-1)	Listed: March 28, 2014
Benzene (CAS 71-43-2)	Listed: December 26, 1997
Ethylene oxide (CAS 75-21-8)	Listed: August 7, 2009
Methanol (CAS 67-56-1)	Listed: March 16, 2012
Toluene (CAS 108-88-3)	Listed: January 1, 1991

California Proposition 65 - CRT: Listed date/Female reproductive toxin

Ethylene oxide (CAS 75-21-8)	Listed: February 27, 1987

California Proposition 65 - CRT: Listed date/Male reproductive toxin

Benzene (CAS 71-43-2)	Listed: December 26, 1997
Ethylene oxide (CAS 75-21-8)	Listed: August 7, 2009

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Titanium dioxide (CAS 13463-67-7)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	30-December-2019
Revision date	03-November-2020
Version #	03

HMIS® ratings	Health: 2* Flammability: 1 Physical hazard: 0
Disclaimer	Kelly-Moore Paint Co., Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

SAFETY DATA SHEET

1. Identification

Product identifier **1010 Premium Professional Interior Eggshell (121, 222, 333, 555)**

Other means of identification

Product code 1010 (121, 222, 333, 555)

Recommended use This chemical/product is not and cannot be distributed in commerce (as defined in TSCA section 3(5)) or processed (as defined in TSCA section 3(13)) for consumer paint or coating removal. Architectural Coating

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name Kelly-Moore Paint Co., Inc.

Address 987 Commercial St.
San Carlos, CA 94070, USA

Email TAlvarez@kellymoore.com

Contact person Tiffany Alvarez Gonda

Telephone 1-800-874-4436

Emergency telephone CHEMTREC: 1-800-424-9300

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards

Sensitization, skin	Category 1
Carcinogenicity (inhalation)	Category 2

OSHA defined hazards Not classified.

Label elements

Signal word Warning

Hazard statement May cause an allergic skin reaction. Suspected of causing cancer by inhalation.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response If on skin: Wash with plenty of water. If exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Titanium dioxide	13463-67-7	< 20
Kaolin	1332-58-7	< 5

Limestone	1317-65-3	< 2
1,2-Benzisothiazol-3(2H)-one	2634-33-5	< 0.1
2-Methyl-2H-isothiazol-3-one	2682-20-4	< 0.1
5-Chloro-2-methyl-2H-isothiazol-3-one	26172-55-4	< 0.1

All concentrations are in percent by weight (kg) unless ingredient is a gas. Gas concentrations are in percent by volume (l).

4. First-aid measures

Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

Most important symptoms/effects, acute and delayed May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

Fire fighting equipment/instructions Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing dust/fume/mist. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Environmental precautions Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/mist. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Kaolin (CAS 1332-58-7)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Limestone (CAS 1317-65-3)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Titanium dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
Kaolin (CAS 1332-58-7)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
Titanium dioxide (CAS 13463-67-7)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Kaolin (CAS 1332-58-7)	TWA	2 mg/m3	Respirable fraction.
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Kaolin (CAS 1332-58-7)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Limestone (CAS 1317-65-3)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Skin protection

Other Wear appropriate chemical resistant clothing.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations	Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance	Milky white to colored liquid.
Physical state	Liquid.
Form	Liquid.
Color	Various.
Odor	Slightly ammoniacal.
Odor threshold	Not available.
pH	7 - 10
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	< 1 (n-BuAc=1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	> 1 (Air=1)
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Moderately soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
VOC	0.15 - 3.17 g/L

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	Carbon oxides. Metal oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause cancer by inhalation.

Skin contact	May cause an allergic skin reaction.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	May cause discomfort if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics	May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.

Information on toxicological effects

Acute toxicity Not expected to be acutely toxic.

Components	Species	Test Results
Kaolin (CAS 1332-58-7)		
Acute		
Dermal		
LD50	Rat	> 5000 mg/kg
Inhalation		
LC50	Rat	> 2 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
Titanium dioxide (CAS 13463-67-7)		
Acute		
Oral		
LD50	Rat	> 5000 mg/kg

Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.

IARC Monographs. Overall Evaluation of Carcinogenicity

Titanium dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
Kaolin (CAS 1332-58-7)			
Aquatic			
Acute			
Crustacea	LC50	Daphnia magna	> 1.1 g/l, 48 Hours
Titanium dioxide (CAS 13463-67-7)			
Aquatic			
Acute			
Crustacea	EC50	Daphnia magna	> 100 mg/l, 48 Hours
Fish	LL50	Oryzias latipes	> 100 mg/l, 96 Hours

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Mobility in soil The product is water soluble and may spread in water systems.

Other adverse effects None known.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

2-Methyl-2H-isothiazol-3-one (CAS 2682-20-4)	1.0 % One-Time Export Notification only.
5-Chloro-2-methyl-2H-isothiazol-3-one (CAS 26172-55-4)	1.0 % One-Time Export Notification only.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Toxic Substances Control Act (TSCA) All components on the TSCA 8(b) inventory are designated "active" or are exempt from reporting under the Inventory Update Rule.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

Classified hazard categories Respiratory or skin sensitization
Carcinogenicity

SARA 313 (TRI reporting)
Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List
Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)
Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List
Kaolin (CAS 1332-58-7)
Limestone (CAS 1317-65-3)
Titanium dioxide (CAS 13463-67-7)

US. New Jersey Worker and Community Right-to-Know Act
Kaolin (CAS 1332-58-7)
Limestone (CAS 1317-65-3)
Titanium dioxide (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law
Kaolin (CAS 1332-58-7)
Limestone (CAS 1317-65-3)
Titanium dioxide (CAS 13463-67-7)

US. Rhode Island RTK
Kaolin (CAS 1332-58-7)
Limestone (CAS 1317-65-3)
Titanium dioxide (CAS 13463-67-7)

California Proposition 65

WARNING: This product can expose you to chemicals including Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

1,4-Dioxane (CAS 123-91-1)	Listed: January 1, 1988
Acetaldehyde (CAS 75-07-0)	Listed: April 1, 1988
Benzene (CAS 71-43-2)	Listed: February 27, 1987
Cumene (CAS 98-82-8)	Listed: April 6, 2010
Dichloromethane (CAS 75-09-2)	Listed: April 1, 1988
Diethanolamine (CAS 111-42-2)	Listed: June 22, 2012
Ethylbenzene (CAS 100-41-4)	Listed: June 11, 2004
Ethylene oxide (CAS 75-21-8)	Listed: July 1, 1987
Formaldehyde (CAS 50-00-0)	Listed: January 1, 1988
Methyloxirane (CAS 75-56-9)	Listed: October 1, 1988
Silica, Crystalline (airborne particles of respirable size) (CAS 14808-60-7)	Listed: October 1, 1988
Titanium dioxide (CAS 13463-67-7)	Listed: September 2, 2011

California Proposition 65 - CRT: Listed date/Developmental toxin

Benzene (CAS 71-43-2)	Listed: December 26, 1997
Ethylene oxide (CAS 75-21-8)	Listed: August 7, 2009
Methanol (CAS 67-56-1)	Listed: March 16, 2012
Toluene (CAS 108-88-3)	Listed: January 1, 1991

California Proposition 65 - CRT: Listed date/Female reproductive toxin

Ethylene oxide (CAS 75-21-8)	Listed: February 27, 1987

California Proposition 65 - CRT: Listed date/Male reproductive toxin

Benzene (CAS 71-43-2)	Listed: December 26, 1997
Ethylene oxide (CAS 75-21-8)	Listed: August 7, 2009

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Titanium dioxide (CAS 13463-67-7)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	30-November-2020
Revision date	-
Version #	01
HMIS® ratings	Health: 2* Flammability: 1 Physical hazard: 0
Disclaimer	Kelly-Moore Paint Co., Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

KELLY-MOORE PAINTS
The Painter's Paint Store

SAFETY DATA SHEET

1. Identification

Product identifier	1050 Premium Professional Interior Low Sheen Enamel
Other means of identification	
Product number	1050 (-121, -222, -333, -555)
Recommended use	Architectural Coating
Recommended restrictions	None known.

Manufacturer/Importer/Supplier/Distributor information

Company name	Kelly-Moore Paint Co., Inc.
Address	987 Commercial St., San Carlos, CA 94070
Telephone	1-800-874-4436
E-mail	TAlvarez@kellymoore.com
Contact person	Tiffany Alvarez Gonda
Emergency phone number	CHEMTREC: 1-800-424-9300

2. Hazard(s) identification

Physical hazards	Not classified.	
Health hazards	Sensitization, skin	Category 1
OSHA defined hazards	Not classified.	

Label elements

Signal word	Warning
Hazard statement	May cause an allergic skin reaction.
Precautionary statement	
Prevention	Avoid breathing mist/vapors. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.
Response	If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Storage	Store away from incompatible materials.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Titanium dioxide	13463-67-7	< 30
1,2-Benzisothiazol-3(2H)-one	2634-33-5	< 0.2
2-Methyl-4-isothiazol-3-one	2682-20-4	< 0.1
5-Chloro-2-methyl-2H-isothiazol-3-one	26172-55-4	< 0.1

All concentrations are in percent by weight (kg) unless ingredient is a gas. Gas concentrations are in percent by volume (l).

4. First-aid measures

Inhalation	If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.
Most important symptoms/effects, acute and delayed	May cause an allergic skin reaction. Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Wear appropriate chemical resistant gloves.
Skin protection	
Other	Wear appropriate chemical resistant clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance	Milky white to colored liquid.
Physical state	Liquid.
Form	Liquid.
Color	Various.
Odor	Slightly ammoniacal.
Odor threshold	Not available.
pH	7 - 10
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	< 1 (n-BuAc=1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	> 1 (Air=1)
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Moderately soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
VOC	0.167 - 0.415 g/L

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.

Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	Carbon oxides. Metal oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	May cause an allergic skin reaction.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity

Components	Species	Test Results
Titanium dioxide (CAS 134 3-67-7)		
Acute		
Inhalation		
LC50	Rat	3.43 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg

Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	May cause an allergic skin reaction.

Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.

IARC Monographs. Overall Evaluation of Carcinogenicity

Titanium dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.

Mobility in soil	The product is water soluble and may spread in water systems.
Other adverse effects	None known.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established.

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

2-Methyl-4-isothiazol-3-one (CAS 2682-20-4)	1.0 % One-Time Export Notification only.
5-Chloro-2-methyl-2H-isothiazol-3-one (CAS 26172-55-4)	1.0 % One-Time Export Notification only.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Toxic Substances Control Act (TSCA)	All components on the TSCA 8(b) inventory are designated "active" or are exempt from reporting under the Inventory Update Rule.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical	Yes
Classified hazard categories	Respiratory or skin sensitization

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) — Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Titanium dioxide (CAS 13463-67-7)

US. New Jersey Worker and Community Right-to-Know Act

Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Titanium dioxide (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Titanium dioxide (CAS 13463-67-7)

US. Rhode Island RTK

Titanium dioxide (CAS 13463-67-7)

California Proposition 65

WARNING: This product can expose you to chemicals including Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

1,4-Dioxane (CAS 123-91-1)	Listed: January 1, 1988
Acetaldehyde (CAS 75-07-0)	Listed: April 1, 1988
Benzene (CAS 71-43-2)	Listed: February 27, 1987
Cumene (CAS 98-82-8)	Listed: April 6, 2010
Dichloromethane (CAS 75-09-2)	Listed: April 1, 1988
Diethanolamine (CAS 111-42-2)	Listed: June 22, 2012
Ethylbenzene (CAS 100-41-4)	Listed: June 11, 2004
Ethylene oxide (CAS 75-21-8)	Listed: July 1, 1987
Methyloxirane (CAS 75-56-9)	Listed: October 1, 1988
Silica, Crystalline (airborne particles of respirable size) (CAS 14808-60-7)	Listed: October 1, 1988

California Proposition 65 - CRT: Listed date/Developmental toxin

Benzene (CAS 71-43-2)	Listed: December 26, 1997
Ethylene oxide (CAS 75-21-8)	Listed: August 7, 2009
Methanol (CAS 67-56-1)	Listed: March 16, 2012
Toluene (CAS 108-88-3)	Listed: January 1, 1991

California Proposition 65 - CRT: Listed date/Female reproductive toxin

Ethylene oxide (CAS 75-21-8)	Listed: February 27, 1987

California Proposition 65 - CRT: Listed date/Male reproductive toxin

Benzene (CAS 71-43-2)	Listed: December 26, 1997
Ethylene oxide (CAS 75-21-8)	Listed: August 7, 2009

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Titanium dioxide (CAS 13463-67-7)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	30-December-2019
Revision date	29-January-2020
Version #	02
HMIS® ratings	Health: 2 Flammability: 1 Physical hazard: 0

Disclaimer	Kelly-Moore Paint Co., Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

KELLY-MOORE PAINTS
The Painter's Paint Store

SAFETY DATA SHEET

1. Identification

Product identifier	1210 Color Shield 100% Acrylic Exterior Low Sheen Paint Series 100, 122, 222, 333, 555
Other means of identification	None.
Recommended use	Architectural Coating
Recommended restrictions	None known.

Manufacturer/Importer/Supplier/Distributor information

Company name	Kelly-Moore Paint Co., Inc.
Address	987 Commercial St., San Carlos, CA 94070
Telephone	1-800-874-4436
E-mail	TAlvarez@kellymoore.com
Contact person	Tiffany Alvarez Gonda
Emergency phone number	CHEMTREC: 1-800-424-9300

2. Hazard(s) identification

Physical hazards	Not classified.	
Health hazards	Sensitization, skin	Category 1
	Carcinogenicity	Category 2
OSHA defined hazards	Not classified.	

Label elements

Signal word	Warning
Hazard statement	May cause an allergic skin reaction. Suspected of causing cancer.

Precautionary statement

Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist or vapor. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If on skin: Wash with plenty of water. If exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Storage	Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	This product contains Diphenyl ketone at < 0.2% which is suspected of causing cancer (See Section 11).

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Titanium dioxide	13463-67-7	< 15
Quartz	14808-60-7	< 1
Dichloro-2-n-octyl-4-isothiazolin-3-one	64359-81-5	< 0.2
Diphenyl ketone	119-61-9	< 0.2

Composition comments	All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	May cause an allergic skin reaction. Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. Wear appropriate protective equipment and clothing during clean-up.
Methods and materials for containment and cleaning up	This product is moderately soluble in water. Should not be released into the environment. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Prevent product from entering drains. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
Diphenyl ketone (CAS 119-61-9)	TWA	0.5 mg/m3

Biological limit values: No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection: Use safety glasses, goggles, or face shield to protect eyes.

Skin protection

Hand protection: Wear appropriate chemical resistant gloves.

Skin protection

Other: Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection: Chemical respirator with organic vapor cartridge and full facepiece.

Thermal hazards: Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations: Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance	Milky white to colored liquid.
Physical state	Liquid.
Form	Liquid.
Color	Various.
Odor	Slightly ammoniacal.
Odor threshold	Not available.
pH	7 - 10
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	< 1 (n-BuAc=1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	> 1 (Air=1)
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Moderately soluble
Partition coefficient (n-octanol/water)	Not available.

Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

Other information

Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
VOC	37.65 - 47.48 g/L

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizers. Strong acids.
Hazardous decomposition products	Carbon oxides. Metal oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	May cause an allergic skin reaction.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity	Ingestion may cause irritation and malaise. In high concentrations, vapors and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	May cause an allergic skin reaction.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	The product contains a small amount of a substance that is suspected of causing cancer. Inhalation of quartz dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely. Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.

IARC Monographs. Overall Evaluation of Carcinogenicity

Diphenyl ketone (CAS 119-61-9)	2B Possibly carcinogenic to humans.
Quartz (CAS 14808-60-7)	1 Carcinogenic to humans.
Titanium dioxide (CAS 13463-67-7)	2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

Quartz (CAS 14808-60-7)	Known To Be Human Carcinogen.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.

Aspiration hazard	Not an aspiration hazard.
Chronic effects	Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.
Further information	Components of the product may be absorbed into the body through the skin.

12. Ecological information

Ecotoxicity	Harmful to aquatic life with long lasting effects.
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	This product is moderately water soluble and may disperse in soil.
Other adverse effects	None known.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established.

15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Diphenyl ketone (CAS 119-61-9)	0.1 % One-Time Export Notification only.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Zinc oxide (CAS 1314-13-2)	LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical	Yes

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Zinc oxide	1314-13-2	< 2

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) — Not regulated.

US state regulations — WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

1,4-Dioxane (CAS 123-91-1)
4-Methylpentan-2-one (CAS 108-10-1)
Acetaldehyde (CAS 75-07-0)
Anatase (CAS 1317-70-0)
Diphenyl ketone (CAS 119-61-9)
Ethylbenzene (CAS 100-41-4)
Methanol (CAS 67-56-1)
Methyloxirane (CAS 75-56-9)
Naphthalene (CAS 91-20-3)
Oxirane (CAS 75-21-8)
Sulfuric acid (CAS 7664-93-9)
Trichloroethylene (CAS 79-01-6)

US. Massachusetts RTK - Substance List

Amorphous Silica: Uncalcinated Diatomaceous Earth (CAS 61790-53-2)
Kaolin (CAS 1332-58-7)
Quartz (CAS 14808-60-7)
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)
Zinc oxide (CAS 1314-13-2)

US. New Jersey Worker and Community Right-to-Know Act

Amorphous Silica: Uncalcinated Diatomaceous Earth (CAS 61790-53-2)
Kaolin (CAS 1332-58-7)
Quartz (CAS 14808-60-7)
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)
Zinc oxide (CAS 1314-13-2)

US. Pennsylvania Worker and Community Right-to-Know Law

Amorphous Silica: Uncalcinated Diatomaceous Earth (CAS 61790-53-2)
Kaolin (CAS 1332-58-7)
Quartz (CAS 14808-60-7)
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)
Zinc oxide (CAS 1314-13-2)

US. Rhode Island RTK

Aluminum hydroxide (CAS 21645-51-2)
Amorphous Silica: Uncalcinated Diatomaceous Earth (CAS 61790-53-2)
Kaolin (CAS 1332-58-7)
Quartz (CAS 14808-60-7)
Talc (CAS 14807-96-6)
Titanium dioxide (CAS 13463-67-7)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date — 13-December-2016

Revision date	-
Version #	01
HMIS® ratings	Health: 2* Flammability: 1 Physical hazard: 0
Disclaimer	Kelly-Moore Paint Co., Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

SAFETY DATA SHEET

1. Identification

Product identifier **1685 DuraPoxy Interior Semi-Gloss Series (121, 222, 333, 555)**

Other means of identification

Product code 1685 (-121, -222, -333, -555)

Recommended use Architectural Coating

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name Kelly-Moore Paint Co., Inc.

Address 987 Commercial St.
San Carlos, CA 94070, USA

Email TAlvarez@kellymoore.com

Contact person Tiffany Alvarez Gonda

Telephone 1-800-874-4436

Emergency telephone CHEMTREC: 1-800-424-9300

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards

Sensitization, skin	Category 1
Carcinogenicity (inhalation)	Category 2

OSHA defined hazards Not classified.

Label elements

Signal word Warning

Hazard statement May cause an allergic skin reaction. Suspected of causing cancer by inhalation.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response If on skin: Wash with plenty of water. If exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Titanium dioxide	13463-67-7	< 25
Kaolin	1332-58-7	< 5
Aluminum hydroxide	21645-51-2	< 2

Silicon dioxide, crystalline silica-free	7631-86-9	< 2
2-Methyl-2H-isothiazol-3-one	2682-20-4	< 0.1
5-Chloro-2-methyl-2H-isothiazol-3-one	26172-55-4	< 0.1

All concentrations are in percent by weight (kg) unless ingredient is a gas. Gas concentrations are in percent by volume (l).

4. First-aid measures

Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

Most important symptoms/effects, acute and delayed May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

Fire fighting equipment/instructions Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing dust/fume/mist. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Environmental precautions Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/mist. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

U.S. - OSHA

Components	Type	Value
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)	TWA	80 mg/m3

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Kaolin (CAS 1332-58-7)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Titanium dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
Kaolin (CAS 1332-58-7)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)	TWA	20 mppcf	

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Aluminum hydroxide (CAS 21645-51-2)	TWA	1 mg/m3	Respirable fraction.
Kaolin (CAS 1332-58-7)	TWA	2 mg/m3	Respirable fraction.
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Kaolin (CAS 1332-58-7)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)	TWA	6 mg/m3	

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Skin protection

Other Wear appropriate chemical resistant clothing.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations	Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance	Milky white to colored liquid.
Physical state	Liquid.
Form	Liquid.
Color	Various.
Odor	Slightly ammoniacal.
Odor threshold	Not available.
pH	7 - 10
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	< 1 (n-BuAc=1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	> 1 (Air=1)
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Moderately soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
VOC	43.14 - 44.21 g/L

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	Carbon oxides. Metal oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause cancer by inhalation.

Skin contact May cause an allergic skin reaction.

Eye contact Direct contact with eyes may cause temporary irritation.

Ingestion May cause discomfort if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.

Information on toxicological effects

Acute toxicity Not expected to be acutely toxic.

Components	Species	Test Results
Aluminum hydroxide (CAS 21645-51-2)		
Acute		
Oral		
LD50	Rat	> 5000 mg/kg
Kaolin (CAS 1332-58-7)		
Acute		
Dermal		
LD50	Rat	> 5000 mg/kg
Inhalation		
LC50	Rat	> 2 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
Inhalation		
Dust		
LC50	Rat	> 0.14 mg/l, 4 Hours
Oral		
LD50	Rat	> 3300 mg/kg
Titanium dioxide (CAS 13463-67-7)		
Acute		
Oral		
LD50	Rat	> 5000 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.

IARC Monographs. Overall Evaluation of Carcinogenicity

Silicon dioxide, crystalline silica-free (CAS 7631-86-9)	3 Not classifiable as to carcinogenicity to humans.
Titanium dioxide (CAS 13463-67-7)	2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
Kaolin (CAS 1332-58-7)			
Aquatic			
Acute			
Crustacea	LC50	Daphnia magna	> 1.1 g/l, 48 Hours
Titanium dioxide (CAS 13463-67-7)			
Aquatic			
Acute			
Crustacea	EC50	Daphnia magna	> 100 mg/l, 48 Hours
Fish	LL50	Oryzias latipes	> 100 mg/l, 96 Hours

Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	The product is water soluble and may spread in water systems.
Other adverse effects	None known.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

2-Methyl-2H-isothiazol-3-one (CAS 2682-20-4)	1.0 % One-Time Export Notification only.
5-Chloro-2-methyl-2H-isothiazol-3-one (CAS 26172-55-4)	1.0 % One-Time Export Notification only.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Toxic Substances Control Act (TSCA) All components on the TSCA 8(b) inventory are designated "active" or are exempt from reporting under the Inventory Update Rule.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

Classified hazard categories Respiratory or skin sensitization
Carcinogenicity

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Kaolin (CAS 1332-58-7)
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Titanium dioxide (CAS 13463-67-7)

US. New Jersey Worker and Community Right-to-Know Act

Kaolin (CAS 1332-58-7)
Titanium dioxide (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Kaolin (CAS 1332-58-7)
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Titanium dioxide (CAS 13463-67-7)

US. Rhode Island RTK

Kaolin (CAS 1332-58-7)
Titanium dioxide (CAS 13463-67-7)

California Proposition 65

WARNING: This product can expose you to chemicals including Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

1,4-Dioxane (CAS 123-91-1)	Listed: January 1, 1988
Acetaldehyde (CAS 75-07-0)	Listed: April 1, 1988
Ethylene oxide (CAS 75-21-8)	Listed: July 1, 1987
Formaldehyde (CAS 50-00-0)	Listed: January 1, 1988
Methyloxirane (CAS 75-56-9)	Listed: October 1, 1988
Silica, Crystalline (airborne particles of respirable size) (CAS 14808-60-7)	Listed: October 1, 1988
Titanium dioxide (CAS 13463-67-7)	Listed: September 2, 2011

California Proposition 65 - CRT: Listed date/Developmental toxin

Ethylene oxide (CAS 75-21-8)	Listed: August 7, 2009

California Proposition 65 - CRT: Listed date/Female reproductive toxin

Ethylene oxide (CAS 75-21-8)	Listed: February 27, 1987

California Proposition 65 - CRT: Listed date/Male reproductive toxin

Ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Titanium dioxide (CAS 13463-67-7)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	15-December-2020
Revision date	-
Version #	01
HMIS® ratings	Health: 2* Flammability: 1 Physical hazard: 0
Disclaimer	Kelly-Moore Paint Co., Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

SAFETY DATA SHEET

1. Identification

Product identifier **1686 DuraPoxy Interior Eggshell**

Other means of identification

Product code 1686 (-121, -222, -333, -555)

Recommended use Architectural Coating

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Company name Kelly-Moore Paint Co., Inc.

Address 987 Commercial St.
San Carlos, CA 94070, USA

Email TAlvarez@kellymoore.com

Contact person Tiffany Alvarez Gonda

Telephone 1-800-874-4436

Emergency telephone CHEMTREC: 1-800-424-9300

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards

Sensitization, skin	Category 1
Carcinogenicity (inhalation)	Category 2

OSHA defined hazards Not classified.

Label elements

Signal word Warning

Hazard statement May cause an allergic skin reaction. Suspected of causing cancer by inhalation.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response If on skin: Wash with plenty of water. If exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Storage Store locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Titanium dioxide	13463-67-7	< 25
Kaolin	1332-58-7	< 5
Aluminum hydroxide	21645-51-2	< 2

Silicon dioxide, crystalline silica-free	7631-86-9	< 2
2-Methyl-2H-isothiazol-3-one	2682-20-4	< 0.1
5-Chloro-2-methyl-2H-isothiazol-3-one	26172-55-4	< 0.1

All concentrations are in percent by weight (kg) unless ingredient is a gas. Gas concentrations are in percent by volume (l).

4. First-aid measures

Inhalation If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a physician if symptoms develop or persist.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. If ingestion of a large amount does occur, call a poison control center immediately.

Most important symptoms/effects, acute and delayed May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.

Indication of immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.

Fire fighting equipment/instructions Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing dust/fume/mist. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.

Environmental precautions Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/mist. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

U.S. - OSHA

Components	Type	Value
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)	TWA	80 mg/m3

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
Kaolin (CAS 1332-58-7)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
Titanium dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.

US. OSHA Table Z-3 (29 CFR 1910.1000)

Components	Type	Value	Form
Kaolin (CAS 1332-58-7)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)	TWA	20 mppcf	

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Aluminum hydroxide (CAS 21645-51-2)	TWA	1 mg/m3	Respirable fraction.
Kaolin (CAS 1332-58-7)	TWA	2 mg/m3	Respirable fraction.
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m3	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Kaolin (CAS 1332-58-7)	TWA	5 mg/m3	Respirable.
		10 mg/m3	Total
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)	TWA	6 mg/m3	

Biological limit values No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection Wear appropriate chemical resistant gloves.

Skin protection

Other Wear appropriate chemical resistant clothing.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations	Observe any medical surveillance requirements. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance	Milky white to colored liquid.
Physical state	Liquid.
Form	Liquid.
Color	Various.
Odor	Slightly ammoniacal.
Odor threshold	Not available.
pH	7 - 10
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available.
Evaporation rate	< 1 (n-BuAc=1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	> 1 (Air=1)
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Moderately soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
VOC	40.5 - 48.02 g/L

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	Carbon oxides. Metal oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause cancer by inhalation.

Skin contact May cause an allergic skin reaction.

Eye contact Direct contact with eyes may cause temporary irritation.

Ingestion May cause discomfort if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.

Information on toxicological effects

Acute toxicity Not expected to be acutely toxic.

Components	Species	Test Results
Aluminum hydroxide (CAS 21645-51-2)		
Acute		
Oral		
LD50	Rat	> 5000 mg/kg
Kaolin (CAS 1332-58-7)		
Acute		
Dermal		
LD50	Rat	> 5000 mg/kg
Inhalation		
LC50	Rat	> 2 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)		
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
Inhalation		
Dust		
LC50	Rat	> 0.14 mg/l, 4 Hours
Oral		
LD50	Rat	> 3300 mg/kg
Titanium dioxide (CAS 13463-67-7)		
Acute		
Oral		
LD50	Rat	> 5000 mg/kg

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the product, inhalation of dust is not likely.

IARC Monographs. Overall Evaluation of Carcinogenicity

Silicon dioxide, crystalline silica-free (CAS 7631-86-9)	3 Not classifiable as to carcinogenicity to humans.
Titanium dioxide (CAS 13463-67-7)	2B Possibly carcinogenic to humans.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components		Species	Test Results
Kaolin (CAS 1332-58-7)			
Aquatic			
Acute			
Crustacea	LC50	Daphnia magna	> 1.1 g/l, 48 Hours
Titanium dioxide (CAS 13463-67-7)			
Aquatic			
Acute			
Crustacea	EC50	Daphnia magna	> 100 mg/l, 48 Hours
Fish	LL50	Oryzias latipes	> 100 mg/l, 96 Hours

Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available.
Mobility in soil	The product is water soluble and may spread in water systems.
Other adverse effects	None known.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

2-Methyl-2H-isothiazol-3-one (CAS 2682-20-4)	1.0 % One-Time Export Notification only.
5-Chloro-2-methyl-2H-isothiazol-3-one (CAS 26172-55-4)	1.0 % One-Time Export Notification only.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Toxic Substances Control Act (TSCA) All components on the TSCA 8(b) inventory are designated "active" or are exempt from reporting under the Inventory Update Rule.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

Classified hazard categories Respiratory or skin sensitization
Carcinogenicity

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Kaolin (CAS 1332-58-7)
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Titanium dioxide (CAS 13463-67-7)

US. New Jersey Worker and Community Right-to-Know Act

Kaolin (CAS 1332-58-7)
Titanium dioxide (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Kaolin (CAS 1332-58-7)
Silicon dioxide, crystalline silica-free (CAS 7631-86-9)
Titanium dioxide (CAS 13463-67-7)

US. Rhode Island RTK

Kaolin (CAS 1332-58-7)
Titanium dioxide (CAS 13463-67-7)

California Proposition 65

WARNING: This product can expose you to chemicals including Ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

1,4-Dioxane (CAS 123-91-1)	Listed: January 1, 1988
Acetaldehyde (CAS 75-07-0)	Listed: April 1, 1988
Ethylene oxide (CAS 75-21-8)	Listed: July 1, 1987
Formaldehyde (CAS 50-00-0)	Listed: January 1, 1988
Methyloxirane (CAS 75-56-9)	Listed: October 1, 1988
Silica, Crystalline (airborne particles of respirable size) (CAS 14808-60-7)	Listed: October 1, 1988
Titanium dioxide (CAS 13463-67-7)	Listed: September 2, 2011

California Proposition 65 - CRT: Listed date/Developmental toxin

Ethylene oxide (CAS 75-21-8)	Listed: August 7, 2009

California Proposition 65 - CRT: Listed date/Female reproductive toxin

Ethylene oxide (CAS 75-21-8)	Listed: February 27, 1987

California Proposition 65 - CRT: Listed date/Male reproductive toxin

Ethylene oxide (CAS 75-21-8) Listed: August 7, 2009

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Titanium dioxide (CAS 13463-67-7)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 15-December-2020

Revision date -

Version # 01

HMIS® ratings Health: 2*
Flammability: 1
Physical hazard: 0

Disclaimer Kelly-Moore Paint Co., Inc. cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

Safety Data Sheet

www.rustoleum.com

1. Identification

Product Name:	KRDKUT 1-GL 4PK METAL CLEAN ETCH	**Revision Date:**	9/12/2019
Product Identifier:	ME014	**Supercedes Date:**	12/1/2016
Recommended Use:	Metal Clean & Etch/ Phosphoric Acid		
Supplier:	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA	**Manufacturer:**	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA
Preparer:	Regulatory Department		
Emergency Telephone:	24 Hour Hotline: 847-367-7700		

2. Hazard Identification

Classification

Symbol(s) of Product

Signal Word
Danger

Possible Hazards
1% of the mixture consists of ingredient(s) of unknown acute toxicity.

GHS HAZARD STATEMENTS

Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Skin Corrosion, category 1B	H314	Causes severe skin burns and eye damage.

GHS LABEL PRECAUTIONARY STATEMENTS

P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	If exposed immediately call a POISON CENTER or doctor/physician.
P321	For specific treatment see label
P405	Store locked up.
P501	Dispose of contents/container in accordance with local, regional and national regulations.

GHS SDS PRECAUTIONARY STATEMENTS

P363 Wash contaminated clothing before reuse.

3. Composition / Information On Ingredients

HAZARDOUS SUBSTANCES

Chemical Name	CAS-No.	Wt.% Range	GHS Symbols	GHS Statements
Phosphoric Acid	7664-38-2	25-50	GHS05-GHS06	H312-314-331

4. First-Aid Measures

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

FIRST AID - SKIN CONTACT: Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Remove contaminated clothing. Wash skin with soap and water. Get medical attention. Immediately flush skin with plenty of water for at least 15 minutes while removing clothing. Get medical attention immediately. Wash clothing separately before reuse. Destroy contaminated shoes.

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately.

FIRST AID - INGESTION: If swallowed, rinse mouth with water. If feeling unwell, get medical attention. Swallowing less than an ounce will not cause significant harm. For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention. If swallowed, do not induce vomiting. If victim is conscious and alert, give 2 to 4 cupfuls of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Treat symptomatically and supportively. Do not induce vomiting unless advised by a physician. Call nearest Poison Control Center or Physician immediately.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Alcohol Film Forming Foam, Carbon Dioxide, Dry Chemical, Dry Sand, Water Fog

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers tightly closed. FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F. No unusual fire or explosion hazards noted.

SPECIAL FIREFIGHTING PROCEDURES: Water may be used to cool closed containers to prevent buildup of steam. If water is used, fog nozzles are preferred. Containers can rupture and release highly toxic material if exposed to heat. Substance is non-combustible but reacts with many metals to form explosive hydrogen gas. Use water spray to keep fire-exposed containers cool. Containers may explode when heated.

Special Fire and Explosion Hazard (Combustible Dust): No Information

6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container, and unused contents in accordance with local, state, and federal regulations. Do not incinerate closed containersAvoid runoff into sewers and waterways. Provide ventilation and approach spill from upwind using proper personal protective equipment as indicated in Section 8. Carefully neutralize spill with sodium bicarbonate ($NaHCO_3$). Contain spilled liquid with sand or earth. DO NOT use combustible materials such as sawdust. Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

7. Handling and Storage

HANDLING: Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and launder before reuse. Use only with adequate ventilation. Follow all SDS and label precautions even after container is emptied because it may retain product residues. Avoid breathing fumes, vapors, or mist. Avoid contact with eyes, skin and clothing.

STORAGE: Store in a dry, well ventilated place. Keep container tightly closed when not in use.

Advice on Safe Handling of Combustible Dust: No Information

8. Exposure Controls / Personal Protection

Chemical Name	CAS-No.	Weight % Less Than	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CEILING
Phosphoric Acid	7664-38-2	35.0	1 mg/m3	3 mg/m3	1 mg/m3	N.E.

PERSONAL PROTECTION

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Provide general dilution of local exhaust ventilation in volume and pattern to keep TLV of hazardous ingredients below acceptable limits. Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation.

RESPIRATORY PROTECTION: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

SKIN PROTECTION: Use gloves to prevent prolonged skin contact. Use impervious gloves to prevent skin contact and absorption of this material through the skin. Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots and chemical safety goggles plus a face shield. Nitrile or Neoprene gloves may afford adequate skin protection.

EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids.

OTHER PROTECTIVE EQUIPMENT: Refer to safety supervisor or industrial hygienist for further guidance regarding types of personal protective equipment and their applications.

HYGIENIC PRACTICES: Wash thoroughly with soap and water before eating, drinking or smoking. Remove contaminated clothing immediately and launder before reuse.

Engineering Measures for Combustible Dust: No Information

9. Physical and Chemical Properties

Appearance:	Liquid	**Physical State:**	Liquid
Odor:	Mild	**Odor Threshold:**	N.E.
Specific Gravity:	1.200	**pH:**	1.0 - 3.0
Freeze Point, °C:	30	**Viscosity:**	N.D.
Solubility in Water:	Soluble	**Partition Coefficient, n-octanol/ water:**	N.D.
Decompostion Temp., °C:	N.D.		
Boiling Range, °C:	100 - 158	**Explosive Limits, vol%:**	N.A. - N.A.
Flammability:	Does not Support Combustion	**Flash Point, °C:**	94
Evaporation Rate:	Slower than Ether	**Auto-ignition Temp., °C:**	N.D.
Vapor Density:	Heavier than Air	**Vapor Pressure:**	N.D.

(See "Other information" Section for abbreviation legend)

10. Stability and Reactivity

CONDITIONS TO AVOID: Avoid contact with metals.

INCOMPATIBILITY: Incompatible with strong oxidizing agents, strong acids and strong alkalies. Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces.

HAZARDOUS DECOMPOSITION: When heated to decomposition, it emits acrid smoke and irritating fumes. Decomposition produces hydrogen chloride, chlorine and hydrogen gases.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

11. Toxicological Information

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Irritating, and may injure eye tissue if not removed promptly. Substance causes severe eye irritation. Injury may be permanent.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Substance is corrosive. Causes severe skin burns. Severely irritating; may cause permanent skin damage. Corrosive; causes skin burning. Low hazard for usual industrial handling or commercial handling by trained personnel.

EFFECTS OF OVEREXPOSURE - INHALATION: Harmful if inhaled. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. High vapor concentrations are irritating to the eyes, nose, throat and lungs.

EFFECTS OF OVEREXPOSURE - INGESTION: Corrosive and may cause severe and permanent damage to mouth, throat and

stomach. Substance may be harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Repeated exposure to low concentrations of HCl vapor or mist may cause bleeding of nose and gums.

PRIMARY ROUTE(S) OF ENTRY: Eye Contact, Ingestion, Inhalation, Skin Contact

ACUTE TOXICITY VALUES

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Vapor LC50
7664-38-2	Phosphoric Acid	2600 mg/kg Rat	1260 mg/kg Rabbit	5.337 mg/L Rabbit

N.E. - Not Established

12. Ecological Information

ECOLOGICAL INFORMATION: Product is a mixture of listed components.

13. Disposal Information

DISPOSAL INFORMATION: Dispose of material in accordance to local, state, and federal regulations and ordinances. RCRA Hazardous Waste: This material, when discarded or disposed of, could be a hazardous waste according to federal regulations (40 CFR 261) due to the characteristic of corrosivity (D002). Check state and local regulations for disposal requirements. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

14. Transport Information

	Domestic (USDOT)	International (IMDG)	Air (IATA)	TDG (Canada)
UN Number:	N.A.	1805	1805	N.A.
Proper Shipping Name:	Products in Limited Quantitie	Phosphoric Acid Solution	Phosphoric Acid Solutio	Products in Limited Quantities
Hazard Class:	N.A.	8	8	N.A.
Packing Group:	N.A.	III	III	N.A.
Limited Quantity:	Yes	Yes	No	Yes

15. Regulatory Information

U.S. Federal Regulations:

CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Toxicity (any route of exposure), Skin Corrosion or Irritation

Sara Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Chemical Name	CAS-No.
Phosphoric Acid	7664-38-2

Toxic Substances Control Act:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(b) if exported from the United States:

No TSCA 12(b) components exist in this product.

U.S. State Regulations:

California Proposition 65:

WARNING: No Prop. 65 warning is required.

16. Other Information

HMIS RATINGS

Health:	3*	**Flammability:**	0	**Physical Hazard:**	0	**Personal Protection:**	X

NFPA RATINGS

Health:	3	**Flammability:**	0	**Instability**	0

Volatile Organic Compounds 0 g/L

SDS REVISION DATE: 9/12/2019

REASON FOR REVISION: Product Composition Changed
Substance and/or Product Properties Changed in Section(s):
02 Hazard Identification
15 Regulatory Information
16 Other Information
Revision Statement(s) Changed

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D---Not Determined

The manufacturer believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. The manufacturer makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

KRUD KUTTER®
METAL CLEAN & ETCH

DESCRIPTION AND USES

Krud Kutter® Metal Clean & Etch formula clean and etches in one operation. Metal Clean & Etch is specifically formulated to prepare iron, steel, zinc, aluminum, and galvanized surfaces for painting. It removes rust, oil, grease and dirt and eliminates paint peeling and other adhesion problems.

Do not mix this product with any other chemicals.

NEW GALVANIZED SURFACES: Dissolves corrosion inhibitor/passivator film, eliminating the need for abrasive blasting prior to painting.

FEATURES

- **Earth Friendly -** Water-Based. Biodegradable. Odorless.
- **No Harmful Fumes** - Most metal etches and etch/primers contain caustic materials resulting in dangerous vapors. Metal Clean & Etch can be used indoors and outdoors without the use of heavy ventilation.
- **Improved Adhesion** - Eliminates paint peeling, chipping, blistering, and other adhesion problems. Recommended for use on iron, steel, zinc, aluminum and galvanized surfaces.
- **New Galvanized Surfaces -** Dissolves corrosion inhibitor/passivator additive, eliminating the need for sandblasting prior to painting.
- **Removes Rust** - Metal Clean & Etch is not a rust converter; it is a rust dissolver. Can effectively remove all rust, resulting in a bare metal surface free of contaminants and ready for coating.

PRODUCTS

SKU	Description
ME326	32 oz. Bottle
ME014	1-Gallon Bottle

PRODUCT APPLICATION (cont.)

DIRECTIONS

ONE STEP PROCESS - Save time on most paint projects by cleaning and etching all in one step. For heavily soiled surfaces the Original Krud Kutter should be used as a pre-prep step, to remove excess oil, grease and dirt. Excess rust should be removed with a wire brush.

Mix 1 part of concentrate with 3 parts water in a plastic container. On heavily rusted areas mix with 2 parts water. Apply the premix to metal surface with paintbrush, spray bottle, sponge or pump up sprayer. Allow the premix to remain on the surface for up to 10 minutes, then thoroughly rinse with water, and wipe dry with rags. Make sure the metal is completely clean and dry, then paint treated surface within 48 hours, to prevent formation of new rust.

CAUTION: SEVERE EYE AND SKIN IRRITANT.
Contains phosphoric acid. In case of contact with eyes or skin, flush with water for at least 15 minutes. In case of contact with eyes or skin, flush with water for 15 minutes. If irritation persists, seek medical attention. If swallowed, take large amounts of water. **Do not induce vomiting.** Get medical attention.

KEEP OUT OF REACH OF CHILDREN.

Form: GDH-538
Rev.: 033018

TECHNICAL DATA

KRUD KUTTER® METAL CLEAN & ETCH

PHYSICAL PROPERTIES

	METAL CLEAN & ETCH
Composition	Phosphoric Acid and Proprietary Ingredients
Color	Translucent Orange
pH	1.3-1.5
VOC	1%
Practical Coverage	32 ounces – 200-300 square feet
	1-Gallon – 800-1,200 square feet
Shelf Life	NA
Flash Point	Non-flammable
Caution!	**CAUTION: SEVERE EYE AND SKIN IRRITANT.** Contains phosphoric acid. In case of contact with eyes or skin, flush with water for at least 15 minutes. In case of contact with eyes or skin, flush with water for 15 minutes. If irritation persists, seek medical attention. If swallowed, take large amounts of water. **Do not induce vomiting.** Get medical attention. **KEEP OUT OF REACH OF CHILDREN**.
Safety Information	For additional information, see SDS

Rust-Oleum Corporation
11 Hawthorn Parkway
Vernon Hills, Illinois 60061
Phone: 877•385•8155
www.rustoleum.com

Form: GDH-538
Rev.: 033018

SAFETY DATA SHEET (SDS)

1. PRODUCT AND COMPANY INFORMATION

PRODUCT IDENTIFICATION:

Product Name: ACRYLITEX® MPI#50 PRIMER/SEALER
Product Number: 296-0-17
Product Use: Water-thinned Paint

MANUFACTURER:

Acrylic Technologies, Inc.
8914 NE Alderwood Road
Portland, Oregon 97220
www.acrylitex.com
Manufacturer's Phone: 503.282.2591
Emergency (24-hour) Phone: 800.424.9300

Date of preparation: September 26, 2016

2. HAZARD IDENTIFICATION

Warning
May cause eye irritation or upper respiratory irritation.

PRECAUTIONARY STATEMENTS:
P261: Avoid breathing vapors from spray.
P280: Wear safety glasses and dust respirator.
P305+P351+P337+P313: If in eyes, rinse cautiously with water for several minutes. If eye irritation persists, get medical advice/attention.
P342+P340+P313: If experiencing respiratory symptoms, remove person to fresh air. Get medical advice/attention.

PRIMARY ROUTES OF ENTRY:
Inhalation of vapor or spray mist.
Eye contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE:
EYES: Irritation.
INHALATION: Irritation of the upper respiratory system.
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:
None generally recognized.

CHRONIC HEALTH HAZARDS: See Section 6. Toxicological Information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

REPORTABLE COMPONENTS	CAS NUMBER	% by WEIGHT
Talc	14807-96-6	< 10
Calcium Carbonate	1317-65-3	< 10
Kaolin Clay	1332-58-7	< 5
Titanium Dioxide	13463-67-7	< 10

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with gently flowing water. If irritation persists, immediately obtain medical attention.

SKIN CONTACT: No health effects expected. If irritation does occur, wash skin with soap and water. If irritation persists, obtain medical advice.

INGESTION: Obtain medical attention immediately.

INHALATION: Remove person to fresh air. Obtain medical advice.

5. FIRE-FIGHTING MEASURES

Flammability Class Not Applicable
Flash Range: Not Applicable
Explosive Range: Not Applicable

EXTINGUISHING MEDIA:

Extinguishing media: Product is non-combustible.

SPECIAL FIREFIGHTING PROCEDURES:

Use self-contained breathing apparatus with full face piece.

UNUSUAL FIRE & EXPLOSION HAZARDS:

None.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SMALL SPILLS: Contain spill immediately. Use inert material to absorb spilled material. Place absorbed spill into secure container for removal.

LARGE SPILLS: Use caution; spilled material may be extremely slippery. Contain spill immediately and prevent from entering the sewer system. Use an inert material to absorb spilled product.

NOTE: Rinsing this material down a sanitary sewer system can cause negative impact on monitoring systems. Contact local sewer authorities before attempting any discharges.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

PROTECT FROM FREEZING. Store product between 40 deg. F. and 120 deg. F. Frozen product may be irreversibly damaged. Product should be kept out of direct sunlight at all times. Keep container closed when not using.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

	ACGIH TLV	OSHA PEL
Talc	2mg/m3 (respirable dust) (containing no asbestos or quartz silica)	20 mppci(million parts per ft^3 of air)
Calcium Carbonate, Limestone	Inhalable dust, 10 total dust Respirable dust, 3	Total dust, 15 Respirable dust, 5
Kaolin Clay	2mg/m3 (respirable dust)	15mg/m3,total /5mg/m3, resp. dust
Titanium Dioxide	10 mg/m3	15 mg/m3, total

PERMISSIBLE EXPOSURE LEVEL FOR PRODUCT:

No Threshold Limit Value (TLV) has been established for the product. Current Adopted Values listed by ACGIH suggests a TLV of 10 mg/m3 as Inhalable Particulates Not Otherwise Classified for sprays, mists or dust particulates generated during application or handling exposures.

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.
Avoid contact with eyes.
Avoid breathing vapor and spray mist.
Wash hands after use.
This coating may contain materials classified as nuisance particulates (listed as Dust under exposure limits) which may be present at hazardous levels only during sanding or abrading of the dried film.

RESPIRATORY PROTECTION:

If personal exposure cannot be controlled below applicable limits by ventilation, wear an approved MSHA or NIOSH respirator for nuisance mists, dusts, or sprays.

VENTILATION:

Use adequate ventilation to keep airborne concentrations below the applicable exposure limits.

PROTECTIVE GLOVES:

None normally required. Use is advisable.

EYE PROTECTION:

Wear safety glasses with non-perforated side shields.

OTHER PROTECTIVE EQUIPMENT:

None.

OTHER PROTECTIVE EQUIPMENT:

Avoid contact with clothing, dried product may be irremovable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	LIQUID
Appearance/Color:	WHITE
Odor:	MILD
Solubility (in water):	DISPERSIBLE
pH Value:	8.0 - 10.0
Boiling Range:	(WATER) 212.F (100.C)
Vapor Pressure (mmHg):	(WATER) 17.@ 68.F (20.C)

Melting Point:	Not Available
Evaporation Rate:	Unavailable
Vapor Density:	Non Volatile
Partition Coefficient	Not Available
% Volatile Volume	INCLUDING WATER 74.87%
Specific Gravity:	1.26
VOC	39.36 Grams Per Liter
Molecular Weight:	MIXTURE

10. STABILITY AND REACTIVITY

Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur
INCOMPATABILITY: None

CONDITIONS TO AVOID: Acids, strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS
Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS

Crystalline Silica (Quartz) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

ACUTE EFFECTS

Titanium Dioxide:	Oral LD50 (rat): >10,000 mg/kg
	Dermal LD50 (rabbit): >10,000 mg/kg
	Inhalation LC50 / 4 hour (rat): >6.8 mg/l

In February 2006, IARC concluded: “There is inadequate evidence in humans for the carcinogenicity of titanium dioxide.” IARC’s Monograph 93 reports there is sufficient evidence of carcinogenicity in rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans. It is an IARC Group 2B listed material. In addition, the IARC summary concludes, “No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint.”

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION FOR PRODUCT AND/OR INGREDIENTS:
Aquatic toxicity not available.

13. DISPOSAL CONSIDERATIONS

EPA Hazardous Waste Number NONE

WASTE DISPOSAL METHOD:
Product must be disposed of properly under Federal/State regulations for industrial waste. Disposal to a landfill may be permitted pending compliance with 40 CFR 264.314 & 265.314. This

product when spilled or disposed of is a non-hazardous waste as defined in RCRA regulations (40 CFR 261).

14. TRANSPORT INFORMATION

US Hazardous Materials Regulation (DOT 49CFR): Not regulated as a dangerous good for transport.
Canadian Transportation of Dangerous Goods (TDG): Not regulated as a dangerous good for transport.
ICAO/IATA Class Not regulated as a dangerous good for transport.
IMO: Not regulated as a dangerous good for transport.
IMDG: Not regulated as a dangerous good for transport.

15. REGULATORY INFORMATION

USA
TSCA Status: All ingredients in the product are listed on the TSCA inventory.
No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.
California Proposition 65: This product may contain substances known to the State of California to cause cancer: Quartz silica (airborne particulates of respirable size).

Canada
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

Hazardous Material Identification System (USA)

Health:	**1**
Flammability:	**0**
Physical Hazard:	**0**

Prepared by: Acrylic Technologies Inc.

The information contained herein is presented in good faith and is believed to be accurate as of the date prepared. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information available to them.

ACRYLITEX®
MPI #50 PRIMER/SEALER
296-0-17

Product Description
Acrylitex® MPI 50 Primer/Sealer is a high quality PVA primer intended for use on new interior wallboard, plaster, and concrete. It has exceptional enamel holdout properties, making it a great undercoat for a finish of any gloss level.

Performance Features
- **High-quality Primer/Sealer**
- **Promotes uniform appearance of topcoats**
- **Non-abrasive equipment-friendly product**
- **Excellent hold out when higher sheen topcoats are specified**
- **VOC Compliant**

Compliance - Performance - Certification
- ✓ **Meets Green Seal GS-11 VOC Limits**
- ✓ **Meets CARB VOC Limits**
- ✓ **SCAQMD Compliant**
- ✓ **LEED v3.0 Compliant**
- ✓ **Member: National Paint Alliance (NPA)**
- ✓ **MPI #50 Approved**
- **Meets MPI Green Performance Standards (GPS-1, GPS-2)**

Product Specifications

Resin Type:	Polyvinyl Acetate
Color Range:	White and Pastel Colors
Finish:	0 – 5 @ 60°
Drying Time:	To Touch: 1 hour
(70° F. & 50% R.H.)	To Recoat: 3-4 hours
Practical coverage:	250-300 sq. ft. per gallon
Recommended Film	Wet: 5-6 mils
Thickness:	Dry: 1.5 mils
Weight per gallon:	10.4 lbs.
Solids by Weight:	39.3% ± 2%
Solids by Volume:	25.1% ± 2%
Sizes:	One and five gallon containers
V.O.C.:	42 grams per liter
Clean Up:	Water

Surface Preparation
General:
All surfaces must be cured, firm, dry and cleaned free of loose paint, dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating.
De-gloss shiny surfaces by lightly sanding*. Repair cracks and fill voids.
**See warning for existing lead-based paint under Precautions.*

New Surfaces: Follow general surface preparation guidelines. New concrete, plaster, and stucco should be allowed to cure for 30 days prior to painting. Moisture content should be less than 12% as measured with a moisture meter and the pH should be between 7 and 11. Remove all laitance and efflorescence before priming with the appropriate primer.

Previously Painted Surfaces: Follow general surface preparation guidelines. Remove loose or failing paint and spot prime bare areas or entire surface with the appropriate primer. Hard, glossy surfaces may require sanding and/or a bonding primer.

Continued Next Page

Acrylitex® MPI 50 Primer/Sealer (cont.)

System Recommendations

Gypsum Wallboard, Plaster, Concrete
PRIMER: Acrylitex® MPI 50 Primer/Sealer
FINISH: Appropriate Finish

Application:

- **Brush:** Use a Nylon/Polyester Brush
- **Roller:** Use a 3/8" – 3/4" nap synthetic cover
- **Spray:** Use .017" - .021" Tip Size

Spraying and Back-Rolling is recommended on new flat work.
Do not apply when material, air, and/or surface temperature is below 45°. Stir thoroughly before and during use. Maintain a wet edge to avoid lap marks. Keep product from freezing.

Thinning:

Apply at can consistency. No thinning is necessary.

Precautions

WARNING! If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Avoid contact with eyes, skin and clothing. Do not take internally. Wash thoroughly after handling. Close container after each use. For additional safety information consult the Material Safety Data Sheet for this product.

USE ONLY WITH ADEQUATE VENTILATION. **KEEP OUT OF REACH OF CHILDREN.**

WARRANTY

Limited Warranty: Acrylic Technologies, Inc. warrants to the purchaser that this product will provide satisfactory performance when applied according to label directions. If this product does not perform to specifications, return unused portion along with sales receipt to place of purchase. As the sole remedy to purchaser, dealer will, at its option: provide additional product to correct affected areas, replace with product of equal value or refund the purchase price paid for this paint product. Failures caused by poor surface preparation, improper application or a breakdown of the underlying surface of previous paint film are not covered by this warranty. ***THIS WARRANTY SPECIFICALLY EXCLUDES LABOR OR COST OF LABOR OR INCIDENTAL OR CONSEQUENTIAL DAMAGES ASSOCIATED WITH THE USE OF THIS PRODUCT.***

DISPOSAL

Never pour leftover coating down any sink or drain – use up material on the job or seal can and store safely for future use. Do not incinerate closed containers. For specific disposal or recycle guidelines, contact your local waste management agency or district. Always attempt to recycle whenever possible.

SAFETY DATA SHEET

Date of issue/Date of revision 8 January 2018
Version 8.03

Section 1. Identification

Product name : PITT-TECH DTM WHITE PRIMER
Product code 00338018
Other means of identification : 90-712/01
Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Product use : Professional applications, Used by spraying.
Use of the substance/ mixture : Coating.
Uses advised against : Not applicable.

Manufacturer : PPG Industries, Inc.
One PPG Place
Pittsburgh, PA 15272
Emergency telephone number : (412) 434-4515 (U.S.)
(514) 645-1320 (Canada)
01-800-00-21-400 or + 52 55 5559 1588 (Mexico)

Technical Phone Number : 888-977-4762

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture : CARCINOGENICITY - Category 2
TOXIC TO REPRODUCTION (Unborn child) - Category 2

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 33.8% (Oral), 45.5% (Dermal), 51.8% (Inhalation)

GHS label elements

Hazard pictograms :

Signal word : Warning
Hazard statements : Suspected of damaging the unborn child.
Suspected of causing cancer.

Section 2. Hazards identification

Precautionary statements

Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing.

Response : IF exposed or concerned: Get medical attention.

Storage : Store locked up.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements : Sanding and grinding dusts may be harmful if inhaled. Emits toxic fumes when heated.

Hazards not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product name : PITT-TECH DTM WHITE PRIMER

Other means of identification : 90-712/01

Ingredient name	%	CAS number
titanium dioxide	≥10 - ≤20	13463-67-7
Limestone	≥1.0 - ≤5.0	1317-65-3
2-(2-methoxyethoxy)ethanol	≥1.0 - ≤5.0	111-77-3
2-(2-butoxyethoxy)ethanol	≥1.0 - ≤5.0	112-34-5

SUB codes represent substances without registered CAS Numbers.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

Description of necessary first aid measures

Eye contact : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

Inhalation : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Skin contact : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Section 4. First aid measures

Ingestion : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : No specific data.

Inhalation : Adverse symptoms may include the following:
reduced fetal weight
increase in fetal deaths
skeletal malformations

Skin contact : Adverse symptoms may include the following:
reduced fetal weight
increase in fetal deaths
skeletal malformations

Ingestion : Adverse symptoms may include the following:
reduced fetal weight
increase in fetal deaths
skeletal malformations

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst. This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Section 5. Fire-fighting measures

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon oxides
phosphorus oxides
metal oxide/oxides

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Special precautions : If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Storage temperature: 0 to 35°C (32 to 95°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
titanium dioxide	**OSHA PEL (United States, 6/2016).** TWA: 15 mg/m³ 8 hours. Form: Total dust **ACGIH TLV (United States, 3/2017).** TWA: 10 mg/m³ 8 hours.
Limestone	**OSHA PEL (United States, 6/2016).** TWA: 5 mg/m³ 8 hours. Form: Respirable fraction TWA: 15 mg/m³ 8 hours. Form: Total dust
2-(2-methoxyethoxy)ethanol	**IPEL (PPG).** TWA: 30 ppm
2-(2-butoxyethoxy)ethanol	**ACGIH TLV (United States, 3/2017).** TWA: 10 ppm 8 hours. Form: Inhalable fraction and vapor

Key to abbreviations

A = Acceptable Maximum Peak
ACGIH = American Conference of Governmental Industrial Hygienists.
C = Ceiling Limit
F = Fume
IPEL = Internal Permissible Exposure Limit
S = Potential skin absorption
SR = Respiratory sensitization
SS = Skin sensitization
STEL = Short term Exposure limit values
TD = Total dust

Section 8. Exposure controls/personal protection

OSHA = Occupational Safety and Health Administration.
R = Respirable
Z = OSHA 29 CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances
TLV = Threshold Limit Value
TWA = Time Weighted Average

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Appropriate engineering controls : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety glasses with side shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Gloves : For prolonged or repeated handling, use the following type of gloves:

Recommended: Chloroprene, butyl rubber, nitrile rubber

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Section 9. Physical and chemical properties

Appearance

Physical state : Liquid.

Color : White.

Odor : Characteristic.

Odor threshold : Not available.

pH : Not available.

Melting point : Not available.

Boiling point : >37.78°C (>100°F)

Flash point : Closed cup: >93.33°C (>200°F)

Material supports combustion. : Yes.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Flammability (solid, gas) : Not available.

Lower and upper explosive (flammable) limits : Not available.

Evaporation rate : Not available.

Vapor pressure : Not available.

Vapor density : Not available.

Relative density : 1.22

Density (lbs / gal) : 10.18

Solubility : Partially soluble in the following materials: cold water.

Partition coefficient: n-octanol/water : Not available.

Viscosity : Kinematic (40°C (104°F)): >0.21 cm^2/s (>21 cSt)

Volatility : 60% (v/v), 49.369% (w/w)

% Solid. (w/w) : 50.631

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.

Incompatible materials : Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

Section 10. Stability and reactivity

Hazardous decomposition products : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
titanium dioxide	LD50 Oral	Rat	>11 g/kg	-
2-(2-methoxyethoxy)ethanol	LD50 Dermal	Rabbit	0.65 g/kg	-
	LD50 Oral	Rat	9.2 g/kg	-
2-(2-butoxyethoxy)ethanol	LD50 Dermal	Rabbit	2700 mg/kg	-
	LD50 Oral	Rat	4500 mg/kg	-

Conclusion/Summary : There are no data available on the mixture itself.

Irritation/Corrosion

Conclusion/Summary

Skin : There are no data available on the mixture itself.

Eyes : There are no data available on the mixture itself.

Respiratory : There are no data available on the mixture itself.

Sensitization

Conclusion/Summary

Skin : There are no data available on the mixture itself.

Respiratory : There are no data available on the mixture itself.

Mutagenicity

Conclusion/Summary : There are no data available on the mixture itself.

Carcinogenicity

Conclusion/Summary : There are no data available on the mixture itself.

Classification

Product/ingredient name	OSHA	IARC	NTP
titanium dioxide	-	2B	-

Carcinogen Classification code:

IARC: 1, 2A, 2B, 3, 4
NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen
OSHA: +
Not listed/not regulated: -

Reproductive toxicity

Conclusion/Summary : There are no data available on the mixture itself.

Teratogenicity

Conclusion/Summary : There are no data available on the mixture itself.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Section 11. Toxicological information

Not available.

Target organs : Contains material which may cause damage to the following organs: blood, kidneys, lungs, liver, upper respiratory tract, immune system, skin, eyes, central nervous system (CNS).

Aspiration hazard

Not available.

Information on the likely routes of exposure

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : No specific data.

Inhalation : Adverse symptoms may include the following:
reduced fetal weight
increase in fetal deaths
skeletal malformations

Skin contact : Adverse symptoms may include the following:
reduced fetal weight
increase in fetal deaths
skeletal malformations

Ingestion : Adverse symptoms may include the following:
reduced fetal weight
increase in fetal deaths
skeletal malformations

Delayed and immediate effects and also chronic effects from short and long term exposure

Conclusion/Summary : There are no data available on the mixture itself. If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Short term exposure

Potential immediate effects : There are no data available on the mixture itself.

Potential delayed effects : There are no data available on the mixture itself.

Long term exposure

Potential immediate effects : There are no data available on the mixture itself.

Potential delayed effects : There are no data available on the mixture itself.

Potential chronic health effects

General : No known significant effects or critical hazards.

Carcinogenicity : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.

Section 11. Toxicological information

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : Suspected of damaging the unborn child.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	203766.8 mg/kg
Dermal	12613.9 mg/kg

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
titanium dioxide	Acute LC50 >100 mg/l Fresh water	Daphnia - Daphnia magna	48 hours

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	$LogP_{ow}$	BCF	Potential
2-(2-methoxyethoxy)ethanol	-1.14 to 0.93	-	low
2-(2-butoxyethoxy)ethanol	0.56	-	low

Mobility in soil

Soil/water partition coefficient (K_{OC}) : Not available.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 13. Disposal considerations

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

14. Transport information

	DOT	IMDG	IATA
UN number	Not regulated.	UN3082	UN3082
UN proper shipping name	-	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (trizinc bis(orthophosphate))	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (trizinc bis(orthophosphate))
Transport hazard class (es)	-	9	9
Packing group	-	III	III
Environmental hazards	No.	Yes.	Yes.
Marine pollutant substances	Not applicable.	(trizinc bis(orthophosphate))	Not applicable.

Additional information

DOT : None identified.

IMDG : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.

IATA : This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

United States

United States inventory (TSCA 8b) : All components are listed or exempted.

United States - TSCA 5(a)2 - Final significant new use rules:
sodium nitrite Listed

SARA 302/304

SARA 304 RQ : Not applicable.

Composition/information on ingredients

No products were found.

SARA 311/312

Classification : Delayed (chronic) health hazard

Composition/information on ingredients

Section 15. Regulatory information

Name	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
titanium dioxide	No.	No.	No.	No.	Yes.
2-(2-methoxyethoxy)ethanol	Yes.	No.	No.	Yes.	Yes.
2-(2-butoxyethoxy)ethanol	Yes.	No.	No.	Yes.	No.

SARA 313

Supplier notification

Chemical name	CAS number	Concentration
trizinc bis(orthophosphate)	7779-90-0	1 - 5
2-(2-methoxyethoxy)ethanol	111-77-3	1 - 5
2-(2-butoxyethoxy)ethanol	112-34-5	0.5 - 1.5

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

Additional environmental information is contained on the Environmental Data Sheet for this product, which can be obtained from your PPG representative.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health : 3 * **Flammability** : 1 **Physical hazards** : 0

(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on MSDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)

Health : 3 **Flammability** : 1 **Instability** : 0

Date of previous issue : **12/7/2017**

Organization that prepared the MSDS : EHS

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

Indicates information that has changed from previously issued version.

Disclaimer

Section 16. Other information

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.

Architectural Coatings

Pure Performance Paint & Primer In One Interior Eggshell

GENERAL DESCRIPTION

Our premium, low-odor, zero-VOC** (volatile organic compounds), 100% acrylic latex base paint is designed to meet the performance requirements of the institutional, commercial and residential markets. *Pure Performance* Paint & Primer in One Interior Latex is formulated to provide excellent hiding and application properties in addition to low odor, zero-VOC's**, and anti-microbial properties - a mold/mildew resisting compound has been incorporated in this paint to make the dry paint film mildew resistant. Ideal for use in occupied areas such as: hotel/motel and resort properties, nursing homes, homes, schools, government facilities, retail space, office buildings, hospitals, and apartments.

RECOMMENDED SUBSTRATES

Concrete	Gypsum Wallboard-Drywall
Concrete/Masonry Block	Plaster
Ferrous Metal	Wood

CONFORMANCE STANDARDS

- VOC compliant in all regulated areas
- Can help earn LEED v4 EQ Low-Emittimg Materials Credit
- Greenguard Gold Cretified - Meets Strict Chemical Emissions Limits
- MPI approval in category #144, Latex Interior Institutional Low Odor/VOC (MPI Gloss Level 2)
- Meets MPI Green Performance Standard (GPS-1 & GPS-2)
- MPI approval in category #144 X-Green

PRODUCT INFORMATION

9-300XI	Pure White
9-310XI	White & Pastel Base
9-320	Midtone Base*
9-340	Ultra Deep Base*

*Must be tinted before use.

Refer to the appropriate color formula book, automatic tinting equipment, and or computer color matching system for color formulas and tinting instructions.

PRODUCT DATA

PRODUCT TYPE:	100% Acrylic Latex
SHEEN:	Eggshell: 4-10 @60º, 10-25 @85º
VOLUME SOLIDS*:	31% +/- 2%
WEIGHT SOLIDS*:	43% +/- 2%
WEIGHT/GALLON*:	10.1 lbs. (4.6 kg) +/- 0.2 lbs. (91 g)
VOC*:	0 g/L (0.0 lbs./gal.)**

*Product data calculated on product 9-310XI

COVERAGE: Approximately 300-400 sq. ft. (28-37 sq. meters) per U.S. Gallon (3.78L) on smooth, nonporous surfaces.

Wet Film Thickness:	4.0 - 5.3 mils
Wet Microns:	102 - 135
Dry Film Thickness:	1.2 - 1.6 mils
Dry Microns:	31 - 41

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing. Some colors, drastic color changes, or porous substrates may require more than one coat to achieve a uniform finish.

DRYING TIME: Dry time @ 77ºF (25ºC); 50% relative humidity.

To Touch:	1 hour
To Recoat:	4 hours
To Full Cure:	30 days

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement.

CLEANUP: Clean brushes and tools with warm, soapy water.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

FLASH POINT: Over 200ºF (93ºC)

FEATURES / BENEFITS

Feature	Benefit
0 g/L VOC**	Meets the most stringent VOC regulations nationwide
Low odor	Ideal for painting in occupied spaces
100% Acrylic	Excellent durability and washable finish
Antimicrobial properties	Resists mold and mildew on the paint film
Excellent hiding power and coverage	Saves money; less material required
Soap and water clean-up	Safe waterborne formula
MPI approval in Category #144	Meets strict performance and aesthetic requirements
MPI approval in Category #144 X-Green	Meets MPI's most stringent environmental standard
Can help earn LEED v4 EQ Low-Emittimg Materials Credit	Contributes to sustainable design

****Colorants added to this base paint may increase VOC level significantly depending on color choice. However, PPG Futurity and PPG HS colorants (96-xxxXI, 96-xxx, 96-xxxx, 96-xxxxx), even if used at maximum tint load in any color, contributes less than 8 g/L of VOC to the final tinted product.**

Read Label and Safety Data Sheet prior to use. See other cautions on last page.

GENERAL SURFACE PREPARATION

Surface must be dry. Remove all loose, peeling paint, dirt, grease, and any other surface contaminants. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough and patched surfaces. Plaster, concrete, and masonry surfaces must be allowed to cure for 30 days prior to painting. When applied to an uncoated substrate, two coats are required, with the first coat acting as the primer. Uncoated substrates, repaired surfaces or lightly stained areas may require additional coats. For severe stains, water marks, and other challenging conditions such as bare metal or chalky surfaces use the appropriate primer.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

CONCRETE: New concrete should cure for at least 30 days and preferably 90 days prior to painting. The pH of the substrate must be less than 10 before painting.

CONCRETE/MASONRY BLOCK: Mortar should cure for at least 30 days and preferably 90 days prior to painting. Fill block with an appropriate block filler. Surfaces previously coated with water thinned cement-based paint must be prepared with extra care. If the material appears to be adhering tightly, a masonry sealer may be applied to seal the surface. Check adhesion by applying a piece of masking tape. If the sealer peels off and has loose particles, remove all chalking or crumbling material, re-seal and re-check adhesion.

FERROUS METAL: The surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants, and then primed.

GYPSUM WALLBOARD-DRYWALL: Nails or screws should be countersunk, and they along with any indentations should be mudded flush with the surface, sanded smooth and cleaned to remove any dust, prior to painting the substrate.

PLASTER: Plaster, hardcoat, skim coat, or other alkaline surfaces should be allowed to cure for at least 30 days prior to painting.

WOOD: Unpainted wood or wood in poor condition should be sanded smooth, wiped clean. Any knots or resinous areas must be primed before painting. Countersink all nails, putty flush with surface.

RECOMMENDED PRIMERS

Concrete	4-603XI, 17-921XI, self-priming
Concrete/Masonry Block	6-7, 6-15XI
Ferrous Metal	4020, 90-712, 90-912
Gypsum Wallboard-Drywall	6-2, 6-4, 9-900, 12-900XI, self-priming
Plaster	4-603XI, 17-921XI, self-priming
Wood	6-2, 9-900, 12-900XI, 17-921XI, self-priming

LIMITATIONS OF USE

FOR INTERIOR USE ONLY. Apply when air, product and surface temperatures are between 50ºF (10ºC) and 90ºF (32ºC).

Not recommended for use on floors or in high humidity areas.

PROTECT FROM FREEZING.

PACKAGING

Quart (946 mL)
1-Gallon (3.78 L)
5-Gallon (18.9 L)

Not all products are available in all sizes.

APPLICATION INFORMATION

Stir thoroughly. When using more than one can of the same color, intermix to ensure color uniformity. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Safety Data Sheet (SDS) information prior to use. SDS are available through our website or by calling 1-800-441-9695.

Application Equipment: Apply with a high quality brush, roller, paint pad or by spray equipment
.

Airless Spray: For airless spray application, use tip size .015" - .019" and minimum pressure of 2000 psi. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Brush: Polyester/Nylon Brush
Roller: 3/8" - 3/4" nap roller cover

Thinning: DO NOT THIN

Permissible temperatures during application:
Material: 50 to 90ºF 10 to 32ºC Ambient: 50 to 90ºF 10 to 32ºC Substrate: 50 to 90ºF 10 to 32ºC

PRECAUTIONS

WARNING! MAY BE HARMFUL IF INHALED OR SWALLOWED. MAY CAUSE RESPIRATORY TRACT IRRITATION. Sanding and grinding dusts may be harmful if inhaled. Contains material that can cause target organ damage, based on animal data. Avoid breathing vapor or mist. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use personal protective equipment as required. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information. FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. If experiencing respiratory systems call a POISON CENTER or doctor/physician. Keep out of the reach of children. For workplace use, an SDS is available from your retailer or by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.).

SAFETY DATA SHEET

Date of issue/Date of revision 16 September 2020
Version 14

Section 1. Identification

Product name : 9-310 PURE PERFORMANCE PAINT/PRIMER IN ONE INTERIOR EGGSHELL-PASTEL BASE

Product code 00402763

Other means of identification : Not available.

Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against

Product use : Consumer applications, Professional applications.

Use of the substance/mixture : Coating.

Uses advised against : Not applicable.

Manufacturer : PPG Industries, Inc.
One PPG Place
Pittsburgh, PA 15272

Emergency telephone number : (412) 434-4515 (U.S.)
(514) 645-1320 (Canada)
SETIQ Interior de la República: 800-00-214-00 (México)
SETIQ Ciudad de México: (55) 5559-1588 (México)

Technical Phone Number : 1-800-441-9695 (8:00 am to 5:00 pm EST)

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : CARCINOGENICITY - Category 2

Percentage of the mixture consisting of ingredient(s) of unknown acute toxicity: 17.9% (oral), 24.1% (dermal), 17.9% (inhalation)

This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. For many PPG products, TiO2 is utilized as a raw material in a liquid coating formulation. In this case, the TiO2 particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO2 when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8).

GHS label elements

Section 2. Hazards identification

Hazard pictograms :

Signal word : Warning

Hazard statements : Suspected of causing cancer.

Precautionary statements

Prevention : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing and eye or face protection.

Response : IF exposed or concerned: Get medical advice or attention.

Storage : Store locked up.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Supplemental label elements : Contains isothiazolinones. May cause allergic reaction. Sanding and grinding dusts may be harmful if inhaled. Emits toxic fumes when heated.

Hazards not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

Product name : 9-310 PURE PERFORMANCE PAINT/PRIMER IN ONE INTERIOR EGGSHELL-PASTEL BASE

Ingredient name	%	CAS number
titanium dioxide	≥10 - ≤20	13463-67-7
Limestone	≥5.0 - ≤10	1317-65-3

SUB codes represent substances without registered CAS Numbers.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

If ingestion, irritation, any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately; have Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

Description of necessary first aid measures

Eye contact : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

Section 4. First aid measures

Inhalation : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Skin contact : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Ingestion : If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : No specific data.

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon oxides
metal oxide/oxides

Special protective actions for fire-fighters : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Section 5. Fire-fighting measures

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Special precautions : If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.

Section 7. Handling and storage

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name	Exposure limits
titanium dioxide	**OSHA PEL (United States, 5/2018).** TWA: 15 mg/m³ 8 hours. Form: Total dust **ACGIH TLV (United States, 3/2019).** TWA: 10 mg/m³ 8 hours.
Limestone	**OSHA PEL (United States, 5/2018).** TWA: 5 mg/m³ 8 hours. Form: Respirable fraction TWA: 15 mg/m³ 8 hours. Form: Total dust

Key to abbreviations

A	= Acceptable Maximum Peak	S	= Potential skin absorption
ACGIH	= American Conference of Governmental Industrial Hygienists.	SR	= Respiratory sensitization
C	= Ceiling Limit	SS	= Skin sensitization
F	= Fume	STEL	= Short term Exposure limit values
IPEL	= Internal Permissible Exposure Limit	TD	= Total dust
OSHA	= Occupational Safety and Health Administration.	TLV	= Threshold Limit Value
R	= Respirable	TWA	= Time Weighted Average
Z	= OSHA 29 CFR 1910.1200 Subpart Z - Toxic and Hazardous Substances		

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Appropriate engineering controls : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Section 8. Exposure controls/personal protection

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety glasses with side shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

Section 9. Physical and chemical properties

Appearance

Physical state : Liquid.

Color : Not available.

Odor : Characteristic.

Odor threshold : Not available.

pH : Not available.

Melting point : Not available.

Boiling point : >37.78°C (>100°F)

Flash point : Closed cup: 113.33°C (236°F) [Product does not sustain combustion.]

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Flammability (solid, gas) : Not available.

Section 9. Physical and chemical properties

Lower and upper explosive (flammable) limits : Not available.

Evaporation rate : Not available.

Vapor pressure : Not available.

Vapor density : Not available.

Relative density : 1.23

Density (lbs / gal) : 10.26

Solubility : Soluble in the following materials: cold water.

Partition coefficient: n-octanol/water : Not available.

Viscosity : Kinematic (40°C (104°F)): >0.21 cm^2/s (>21 cSt)

Volatility : 67% (v/v), 54.566% (w/w)

% Solid. (w/w) : 45.434

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.

Incompatible materials : Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.

Hazardous decomposition products : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
titanium dioxide	LC50 Inhalation Dusts and mists	Rat	>6.82 mg/l	4 hours
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	>5000 mg/kg	-
Limestone	LD50 Oral	Rat	6450 mg/kg	-

Conclusion/Summary : There are no data available on the mixture itself.

Irritation/Corrosion

Section 11. Toxicological information

Conclusion/Summary

Skin : There are no data available on the mixture itself.

Eyes : There are no data available on the mixture itself.

Respiratory : There are no data available on the mixture itself.

Sensitization

Conclusion/Summary

Skin : There are no data available on the mixture itself.

Respiratory : There are no data available on the mixture itself.

Mutagenicity

Conclusion/Summary : There are no data available on the mixture itself.

Carcinogenicity

Conclusion/Summary : There are no data available on the mixture itself.

Classification

Product/ingredient name	OSHA	IARC	NTP
titanium dioxide	-	2B	-

Carcinogen Classification code:

IARC: 1, 2A, 2B, 3, 4
NTP: Known to be a human carcinogen; Reasonably anticipated to be a human carcinogen
OSHA: +
Not listed/not regulated: -

Reproductive toxicity

Conclusion/Summary : There are no data available on the mixture itself.

Teratogenicity

Conclusion/Summary : There are no data available on the mixture itself.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Target organs : Contains material which may cause damage to the following organs: lungs, upper respiratory tract, skin, eyes.

Aspiration hazard

Not available.

Information on the likely routes of exposure

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Section 11. Toxicological information

Eye contact : No specific data.
Inhalation : No specific data.
Skin contact : No specific data.
Ingestion : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Conclusion/Summary : There are no data available on the mixture itself. Contains isothiazolinones. May cause allergic reaction. This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. For many PPG products, TiO2 is utilized as a raw material in a liquid coating formulation. In this case, the TiO2 particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO2 when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8). If splashed in the eyes, the liquid may cause irritation and reversible damage. Ingestion may cause nausea, diarrhea and vomiting. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Short term exposure

Potential immediate effects : There are no data available on the mixture itself.
Potential delayed effects : There are no data available on the mixture itself.

Long term exposure

Potential immediate effects : There are no data available on the mixture itself.
Potential delayed effects : There are no data available on the mixture itself.

Potential chronic health effects

General : No known significant effects or critical hazards.
Carcinogenicity : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity : No known significant effects or critical hazards.
Reproductive toxicity : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Product/ingredient name	Oral (mg/kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Limestone	6450	N/A	N/A	N/A	N/A

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
titanium dioxide Limestone	Acute LC50 >100 mg/l Fresh water Acute LC50 >56000 mg/l	Daphnia - Daphnia magna Fish	48 hours 96 hours

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (K_{OC}) : Not available.

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees. Section 6. Accidental release measures

14. Transport information

	DOT	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-
Transport hazard class (es)	-	-	-
Packing group	-	-	-

14. Transport information

Environmental hazards	No.	No.	No.
Marine pollutant substances	Not applicable.	Not applicable.	Not applicable.

Additional information

DOT : None identified.

IMDG : None identified.

IATA : None identified.

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to IMO instruments : Not applicable.

Section 15. Regulatory information

United States

United States inventory (TSCA 8b) : All components are active or exempted.

United States - TSCA 5(a)2 - Final significant new use rules:
2-(nonylphenoxy)ethanol Listed

SARA 302/304

SARA 304 RQ : Not applicable.

Composition/information on ingredients

No products were found.

SARA 311/312

Classification : CARCINOGENICITY - Category 2

Composition/information on ingredients

Name	%	Classification
titanium dioxide	≥10 - ≤20	CARCINOGENICITY - Category 2

Additional environmental information is contained on the Environmental Data Sheet for this product, which can be obtained from your PPG representative.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health : 1 * **Flammability** : 1 **Physical hazards** : 0

(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on MSDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)

Health : 1 **Flammability** : 1 **Instability** : 0

Date of previous issue : **8/26/2020**

Organization that prepared the MSDS : EHS

Key to abbreviations : ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
N/A = Not available
SGG = Segregation Group
UN = United Nations

Indicates information that has changed from previously issued version.

Disclaimer

The information contained in this data sheet is based on present scientific and technical knowledge. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by PPG, and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.

SAFETY DATA SHEET (SDS)

1. PRODUCT AND COMPANY INFORMATION

PRODUCT IDENTIFICATION:

Product Name: ACRYLITEX VAPOR PRIME
Product Number: 293-0-17
Product Use: Water-thinned Paint

MANUFACTURER:

Acrylic Technologies, Inc.
8914 NE Alderwood Road
Portland, Oregon 97220
www.acrylitex.com
Manufacturer's Phone: 503.282.2591
Emergency (24-hour) Phone: 800.424.9300

Date of preparation: September 26, 2016

2. HAZARD IDENTIFICATION

Warning
May cause eye irritation or upper respiratory irritation.

PRECAUTIONARY STATEMENTS:
P261: Avoid breathing vapors from spray.
P280: Wear safety glasses and dust respirator.
P305+P351+P337+P313: If in eyes, rinse cautiously with water for several minutes. If eye irritation persists, get medical advice/attention.
P342+P340+P313: If experiencing respiratory symptoms, remove person to fresh air. Get medical advice/attention.

PRIMARY ROUTES OF ENTRY:
Inhalation of vapor or spray mist.
Eye contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE:
EYES: Irritation.
INHALATION: Irritation of the upper respiratory system.
MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:
None generally recognized.

CHRONIC HEALTH HAZARDS: See Section XI – Toxicological Information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

REPORTABLE COMPONENTS	CAS NUMBER	% by WEIGHT
Calcium Carbonate, Limestone	1317-65-3	< 20
Micro Mica	12001-26-2	< 10
Titanium Dioxide	13463-67-7	< 5

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with gently flowing water. If irritation persists, immediately obtain medical attention.
SKIN CONTACT: No health effects expected. If irritation does occur, wash skin with soap and water. If irritation persists, obtain medical advice.
INGESTION: Obtain medical attention immediately.
INHALATION: Remove person to fresh air. Obtain medical advice.

5. FIRE-FIGHTING MEASURES

Flammability Class Not Applicable
Flash Range: >200F
Explosive Range: Not Applicable

EXTINGUISHING MEDIA:
Extinguishing media: Product is non-combustible.
SPECIAL FIREFIGHTING PROCEDURES:
Use self-contained breathing apparatus with full face piece.
UNUSUAL FIRE & EXPLOSION HAZARDS:
None.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
SMALL SPILLS: Contain spill immediately. Use inert material to absorb spilled material. Place absorbed spill into secure container for removal.
LARGE SPILLS: Use caution; spilled material may be extremely slippery. Contain spill immediately and prevent from entering the sewer system. Use an inert material to absorb spilled product.
NOTE: Rinsing this material down a sanitary sewer system can cause negative impact on monitoring systems. Contact local sewer authorities before attempting any discharges.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
PROTECT FROM FREEZING. Store product between 40 deg. F. and 120 deg. F. Frozen product may be irreversibly damaged. Product should be kept out of direct sunlight at all times. Keep container closed when not using.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits ACGIH TLV OSHA PEL

Calcium Carbonate, Limestone	Inhalable dust, 10 total dust Respirable dust, 3	Total dust, 15 Respirable dust, 5
Titanium Dioxide	10 mg/m3	15 mg/m3, total
Kaolin Clay	2mg/m3 (respirable dust)	15mg/m3,total /5mg/m3, resp. dust
Talc	2mg/m3 (respirable dust) (containing no asbestos or quartz silica)	20 mppci(million parts per cubic foot of air)

PERMISSIBLE EXPOSURE LEVEL FOR PRODUCT:

No Threshold Limit Value (TLV) has been established for the product. Current Adopted Values listed by ACGIH suggests a TLV of 10 mg/m3 as Inhalable Particulates Not Otherwise Classified for sprays, mists or dust particulates generated during application or handling exposures.

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.
Avoid contact with eyes.
Avoid breathing vapor and spray mist.
Wash hands after use.
This coating may contain materials classified as nuisance particulates (listed as Dust under exposure limits) which may be present at hazardous levels only during sanding or abrading of the dried film.

RESPIRATORY PROTECTION:

If personal exposure cannot be controlled below applicable limits by ventilation, wear an approved MSHA or NIOSH respirator for nuisance mists, dusts, or sprays.

VENTILATION:

Use adequate ventilation to keep airborne concentrations below the applicable exposure limits.

PROTECTIVE GLOVES:

None normally required. Use is advisable.

EYE PROTECTION:

Wear safety glasses with unperforated side shields.

OTHER PROTECTIVE EQUIPMENT:

None.

OTHER PROTECTIVE EQUIPMENT:

Avoid contact with clothing, dried product may be irremovable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	LIQUID
Appearance/Color:	WHITE
Odor:	MILD
Solubility (in water):	DISPERSIBLE
pH Value:	8.5 - 10.0
Boiling Range:	(WATER) 212.F (100.C)
Vapor Pressure (mmHg):	(WATER) 17.@ 68.F (20.C)
Melting Point:	Not Available
Evaporation Rate:	Unavailable
Vapor Density:	Non Volatile
Partition Coefficient	Not Available
% Volatile Volume	INCLUDING WATER 69.2%

Specific Gravity:	1.4462
VOC	< 50 GRAMS PER LITER
Molecular Weight:	MIXTURE

10. STABILITY AND REACTIVITY

Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur
INCOMPATABILITY: None

CONDITIONS TO AVOID:
Acids, strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS
Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS
Crystalline Silica (Quartz) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION FOR PRODUCT AND/OR INGREDIENTS:
Aquatic toxicity not available.

13. DISPOSAL CONSIDERATIONS

EPA Hazardous Waste Number NONE

WASTE DISPOSAL METHOD:
Product must be disposed of properly under Federal/State regulations for industrial waste. Disposal to a landfill may be permitted pending compliance with 40 CFR 264.314 & 265.314. This product when spilled or disposed of is a non-hazardous waste as defined in RCRA regulations (40 CFR 261).

14. TRANSPORT INFORMATION

US Hazardous Materials Regulation (DOT 49CFR):	Not regulated as a dangerous good for transport.
Canadian Transportation of Dangerous Goods (TDG):	Not regulated as a dangerous good for transport.
ICAO/IATA Class	Not regulated as a dangerous good for transport.
IMO:	Not regulated as a dangerous good for transport.
IMDG:	Not regulated as a dangerous good for transport.

15. REGULATORY INFORMATION

USA
TSCA Status: All ingredients in the product are listed on the TSCA inventory.
No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.
California Proposition 65: This product may contain substances known to the State of California to cause cancer: Quartz silica (airborne particulates of respirable size).

Canada
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

Hazardous Material Identification System (USA)

Health:	**1**
Flammability:	**0**
Physical Hazard:	**0**

Prepared by: Acrylic Technologies Inc.

The information contained herein is presented in good faith and is believed to be accurate as of the date prepared. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information available to them.

ACRYLITEX®
VAPOR PRIME
293-0-17

Product Description
Acrylitex® Vapor Prime is a vapor barrier coating designed for use on interior walls. Vapor Prime is a non-breathing latex primer which seals the wall with a perm rating of less than 1.0 in one coat. Acrylitex® Vapor Prime is a Low VOC product and is compatible with any waterborne latex paint coating applied for the topcoat.

Performance Features
- **Non-Breathing Latex Primer Sealer**
- **High Hide**
- **For use on Interior Walls & Ceilings**
- **Seals the wall with perm rating of less than 1.0 at 2 mils**
- **VOC Compliant**

Compliance - Performance - Certification
- ✓ Meets Green Seal GS-11 VOC Limits
- ✓ Meets CARB VOC Limits
- ✓ SCAQMD Compliant
- ✓ LEED v3.0 Compliant
- ✓ **Member: National Paint Alliance (NPA)**
- ✓ **MPI #61 Approved**

Product Specifications

Resin Type:	Poly Vinyl Acetate
Color Range:	White
Finish:	Flat, 0-5 @ 60° MPI Gloss Level 1
Drying Time: (70º F. & 50% R.H.)	To Touch: 1 hour To Recoat: 4 hours
Practical coverage:	350 sq. ft. per gallon
Recommended Film Thickness:	Wet: 5 mils Dry: 2 mils
Weight per Gallon:	10.4 lbs.
Solids by Weight:	57.6 ± 2%
Solids by Volume:	47.3 ± 2%
Sizes:	Five gallon, 55 gallon Drums and 275 gallon Totes
VOC:	<45 g/L
Clean Up:	Water

Surface Preparation
General:
All surfaces must be cured, firm, dry and cleaned free of loose paint, dust, dirt, oil, grease, wax, chalk, rust, mildew or any other contamination or condition that would adversely affect the performance of the coating.

De-gloss shiny surfaces by lightly sanding*. Repair cracks and fill voids.

**See warning for existing lead-based paint under Precautions.*

New Surfaces: Follow general surface preparation guidelines. New concrete, plaster, and stucco should be allowed to cure for 30 days prior to painting. Moisture content should be less than 12 % as measured with a moisture meter and the pH should be between 7 and 11. Remove all laitance and efflorescence before priming with the appropriate primer.

Previously Painted Surfaces: Follow general surface preparation guidelines. Remove loose or failing paint and spot prime bare areas or entire surface with the appropriate primer. Hard, glossy surfaces may require sanding and/or a bonding primer.

Continued Next Page

VAPOR PRIME (cont.)

System Recommendations

Gypsum Wallboard
PRIMER: Acrylitex® Vapor Prime
FINISH: Appropriate Finish

Application:

- **Roller:** Use 3/8" – 3/4" nap synthetic cover
- **Spray – Airless:** Use .017" - .021" Tip Size

Spraying and Backrolling is recommended on new flat work.

Apply when ambient temperature is between 50° and 90°. Stir thoroughly before and during use. Respirator not required but recommended. Clean tools, equipment and skin with soapy water and rinse. Keep product from freezing.

Thinning
Apply at can consistency. No thinning is necessary.

Precautions

WARNING! If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Avoid contact with eyes, skin and clothing. Do not take internally. Wash thoroughly after handling. Close container after each use. For additional safety information consult the Material Safety Data Sheet for this product.

USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

WARRANTY
Limited Warranty: Acrylic Technologies, Inc. warrants to the purchaser that this product will provide satisfactory performance when applied according to label directions. If this product does not perform to specifications, return unused portion along with sales receipt to place of purchase. As the sole remedy to purchaser, dealer will, at its option: provide additional product to correct affected areas, replace with product of equal value or refund the purchase price paid for this paint product. Failures caused by poor surface preparation, improper application or a breakdown of the underlying surface of previous paint film are not covered by this warranty. ***THIS WARRANTY SPECIFICALLY EXCLUDES LABOR OR COST OF LABOR OR INCIDENTAL OR CONSEQUENTIAL DAMAGES ASSOCIATED WITH THE USE OF THIS PRODUCT.***

DISPOSAL
Never pour leftover coating down any sink or drain – use up material on the job or seal can and store safely for future use. Do not incinerate closed containers. For specific disposal or recycle guidelines, contact your local waste management agency or district. Always attempt to recycle whenever possible.

Global Harmonization Labels

Voluntary Respirator Program

Purpose:

The aim of the program is to give detailed instructions for elements that are required for voluntary use of respirators, as required in **WAC 296-842-1105**. Voluntary use of **(filtering facepiece respirators- dust masks)** are ***exempt*** from the written respiratory requirements, medical evaluations, cleaning, storage, and maintenance requirements listed below.

Procedure:

This program applies to all employees who voluntarily choose to use a respirator. It applies to both respirators supplied by employers or brought in by Employees.

It will be determined that the use of a respirator does not itself create a hazard, that the proper type of respirator has been selected for use, that the employee is medically able to use the respirator, and that the respirator is cleaned, stored, and maintained according the manufacturer and state guidelines.

Responsibility & Safe Use:

Job Lead shall be responsible for overseeing and implementation of **Realfine Painting** voluntary respiratory protection program and will determine if there are any factors of voluntary respirator use that will create a hazard for the user. These hazards will be eliminated before use of respirator is permitted.

Job Lead will ensure that the respirator selection is appropriate for its intended use

The following questions are suggested for consideration in determining respirator hazards to the user:

- Would respirator significantly hinder vision, communication, hearing or movement that would present a safety hazard?
- Can situations occur, such as emergency spills or leaks where respirator in use would not provide protection?

Employees who voluntarily use respirators will be required to complete the " Respirator Medical Evaluation Questionnaire" with ***exception*** **to (filtering facepieces – dust masks)**
WAC 296-842-22005

Mandatory Information:

Each employee that voluntarily uses a respirator, including **filter facepieces- dust masks**, will be given a copy of the advisory information contained in **Table-2**.

Table-2

Advisory Information for Employees Who Voluntarily Use Respirators

Given to employees who voluntarily wear respirators including filtering facepieces

Respirators protect against airborne hazards when properly selected and used. WISHA recommends voluntary use of respirators when exposure to substances is below WISHA permissible exposure limits (PELs) because respirators can provide an additional level of comfort and protection.

If you choose to voluntarily use a respirator (whether it's provided by you or your employer) be aware that respirators can create hazards for you, the user. You can avoid these hazards if you know how to use your respirator correctly and how to keep it clean. Take these steps:

- Read and follow all instructions provided by the manufacturer about use, maintenance, and warnings regarding limitations of respirator.
- Choose respirators that have been certified for use to protect against the substance of concern. The National Institute for Occupational Safety and Health (NIOSH) certifies respirators. If a respirator isn't certified by NIOSH, you have no guarantee that it meets minimum design and performance standards for workplace use.
- A NIOSH approval label will appear on or in the respirator packaging. It will tell you what protection the respirator provides.
- Keep track of your respirator so you don't mistakenly use someone else's.
- Do not wear your respirator into:
    - Atmospheres containing hazards that your respirator isn't designed to protect against.

      For example, a respirator designed to filter dust particles will not protect against solvents smoke, or oxygen deficiency.
- Situations where respirator use is required

Outdoor Heat Stress

Working outdoors in hot weather can result in serious illness or even death. Workers exposed to extreme heat may experience symptoms of heat-related illnesses (HRI), such as heat cramps, heat rash, heat exhaustion, fainting, heat stroke and other symptoms.

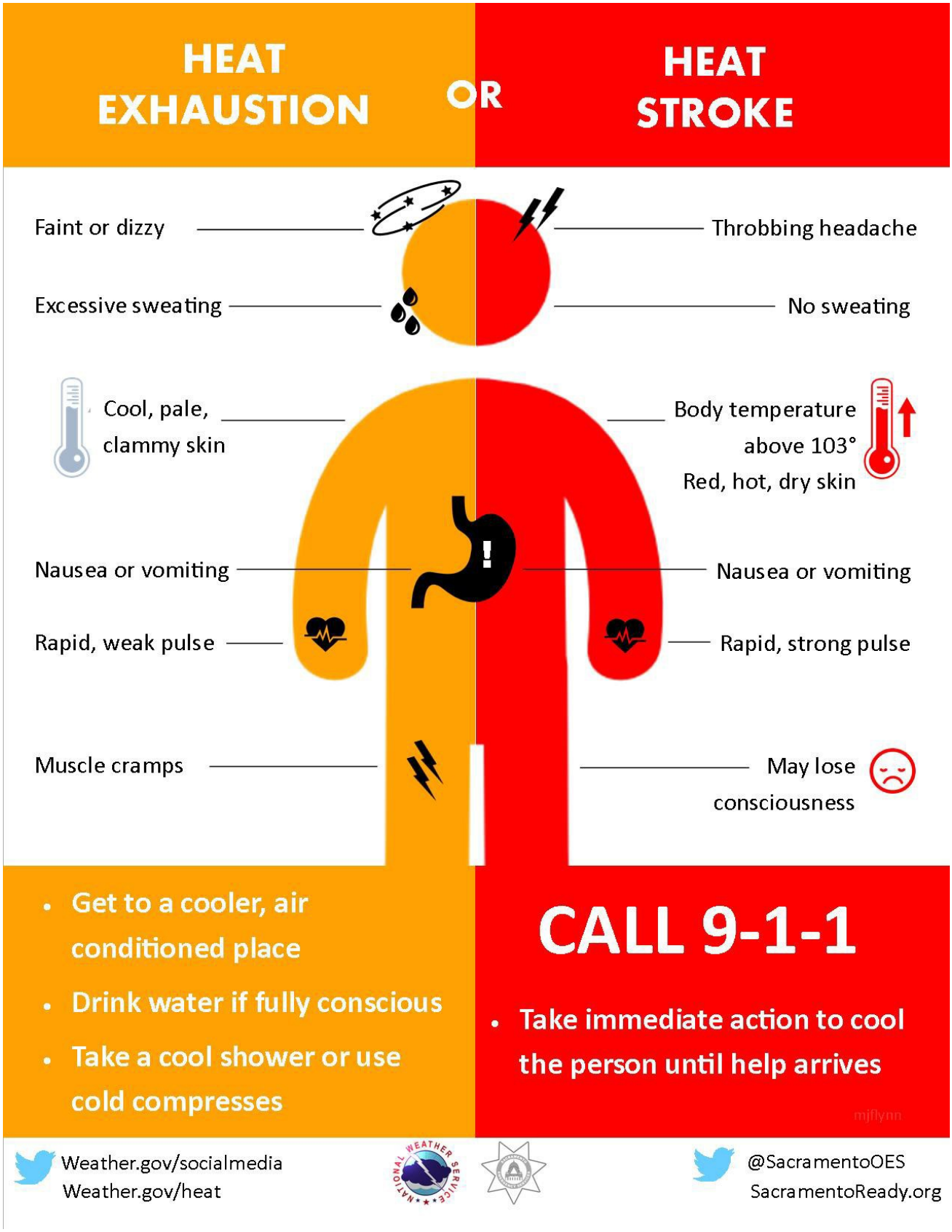
Heat-related illness is also linked to injuries from falls, equipment operation accidents and other on-the-job incidents. Such incidents can happen when someone with heat stress becomes fatigued, dizzy, confused or disoriented.

Employers must provide training to workers so they understand what heat stress is, how it affects their health and safety, and how it can be prevented. The **Outdoor** Heat Exposure Rule WAC 296-62-095 **applies** from **May 1 through September 30,** every year, when exposures are **at or above a specific temperature**.

- Supply adequate water and encourage workers who work in hot weather to drink regularly, even when not thirsty. A small amount of water every 15 minutes is recommended rather that a large amount after hours of sweating.
- Learn the signs and symptoms of heat-related illness.
- Inform workers they should avoid alcohol or drinks with caffeine before or during work in hot weather.
- Try to do the heaviest work during the cooler parts of the day.
- Adjusting to work in heat takes time. Allow workers to acclimatize. Start slower and work up to your normal pace.
- Wear lightweight, loose-fitting, light-colored, breathable (e.g. cotton) clothing and a hat.
- Allow workers to take regular breaks from the sun. Loosen or remove clothing that restricts cooling.
- Watch workers for symptoms of heat-related illness. This is especially important for non-acclimatized workers, those returning from vacations and for all workers during heat-wave events.
- If exertion causes someone's heart to pound or makes them gasp for breath, become

lightheaded, confused, weak or faint, they should STOP all activity and get into a cool area or at least into the shade, and rest.

The two major heat-related illnesses are heat exhaustion and heat stroke. Heat exhaustion, if untreated, may progress to deadly heat stroke. **Heat stroke is very dangerous and frequently fatal.** If workers show symptoms, *always take this seriously* and have them take a break and cool down before returning to work. *Stay with them*. If symptoms worsen or the worker does not recover within about 15 minutes, call 911 and have them transported and medically evaluated. *Do not delay transport.*



Confined Spaces

APPENDIXES AND FORMS

1. Construction Self-Inspection Checklist
2. Safety and Health Inspection Checklist
3. Job Hazard Analysis Weekly Plan
4. Job Hazard Analysis Daily Plan
5. Phase 2 Comprehensive COVID-19 Exposure Control
6. UNIFIED FALL PROTECTION WORK PLAN

Construction Self-Inspection Checklist

Power lines: Minimum 10’ clearance / insulate – de-energize, under 50 kw; over 50 kw – refer to Chapter 155

Trench/excavation: Any trench four feet or must be sloped, shored or braced

Guardrails: Any opening four feet or more above ground level must be guarded

Standard guardrail: Top rail = 39” to 45” above working surface. Midrail = halfway between top rail and floor. Toeboard = 4”.

Scaffold: Fully planked

Scaffold: Fall protection provided if fall hazards over 10 feet exist

Stairs: Four or more risers must have handrails

Fall protection: Fall Protection MUST be implemented at 0 feet if there is the potential for serious injury or death. For example, working on a surface next to mechanical equipment that could fall into would need fall protection. 4ft for walking working surfaces and exposure to fall hazards of 10’ or greater must be eliminated by the use of safety harness/belt, lanyard or lifeline, horizontal lines, or cantenary lines. Positive fall restraint/protection must be utilized at all times. Two lanyards may be necessary at the beam/upright traverse points. No exposure at any time is allowed.

Fall protection work plan: Job specific, in writing; available on-site for all fall hazards above 10’.

Radial saws: Cutting head must return easily to start position when released; blade must not extend past the edge of the worktable; off/on switch should be at front of operator’s position.

Circular saws: Blade guard instantly returns to covering position

Never wedge or pin a guard.

Ladders: Extended 36” above landing and secured to prevent displacement

Articulating boomlift: Safety harness and lanyard at all times

Floor holes/openings: Covered and secured; be sure no tripping hazards in the area.

Extension cords/electric power tools: Marked/covered by Assured Grounding Program

Clothing: Minimum of short sleeve shirts, long pants, and substantial footwear; no recreational shoes

Hard hats: worn at all times

Personal protective equipment: Head, eye, ear, respiratory, and leg protection – high visibility vests when required

Housekeeping: Workers are responsible for their own area of exposure

First aid/fire extinguishers: Available and readily accessible

First aid trained personnel: Minimum of one person on-site at all times with first aid CPR training.

Accident Prevention Program: In written format

Crew Leader Meetings: At beginning of each job and at least weekly thereafter. Documented

Global Harmonization Program with Safety Data Sheets for Hazardous Chemicals

Injury Management Procedures in place for workplace incidents

Job Hazard Analysis completed for site specific job

Safety and Health Inspection Checklist

Yes No

1. JOB SITE INFORMATION

DOSH and other job site warning posters posted
Scheduled safety meetings held and documented weekly
Adequate employee training – general and specific
Medical services, first aid equipment and a qualified first aider available
Emergency telephone numbers posted (medical services, fire department, police)

2. HOUSEKEEPING AND SANITATION

Working areas generally neat
Waste and trash regularly disposed
Enclosed chute provided when material dropped outside of building from over 20 feet
Lighting adequate for all work tasks
Projecting nails removed or bent over
Oil and grease removed from walkways and stairs
Waste containers provided and used
Sanitary facilities adequate and clear
Potable water available for drinking
Disposable drinking cups and container for used cups provided

3. FIRE PREVENTION

Proper type and number of fire extinguishers, identified, checked and accessible
Phone number of fire department posted
NO SMOKING signs posted and enforced where needed
Temporary heating devices safe. Adequate ventilation provided

4. ELECTRICAL INSTALLATIONS

Adequate wiring, well insulated, grounded, protected from damage
Assured grounding program followed **(OR**)
Ground fault circuit interrupters used
Terminal boxes equipped with required covers

5. POWER TOOLS

Good housekeeping where tools are used
Tools and cords in good condition
Proper grounding of all tools (**OR**)
Double insulated tools used
Proper instruction in use provided
All mechanical guards in use
Tools neatly stored when not in use.
Right tool being used for the job at hand
Wiring properly installed

Yes No

6. LADDERS

Ladders inspected and in good condition
Ladders properly secured to prevent slipping, sliding or falling
Side rails extended 36” above the top of landing
Job-built ladders properly constructed
Stepladders fully open when in use
Metal ladders not used around electrical hazards
Ladders not painted
Ladders properly stored
Ladder safety feet in use

7. MOTOR VEHICLES

Roadways or walkway hazards effectively barricaded
Barricades illuminated or reflectorized at night
Traffic control devices used when appropriate
Inspection and maintenance records up to date
Operators qualified for vehicles in use
Local and state vehicle laws and regulations observed
Brakes, lights, warning devices operative
Personnel transported in a safe manner
All glass in good condition
Back-up signals provided
Fire extinguishers installed where required

8. HOISTS, CRANES AND DERRICKS

Cables and sheaves regularly inspected
Slings and chains, hooks and eyes inspected before each use
Outriggers used if needed
Power lines inactivated, removed, or at a safe distance
Proper loading for capacity at lifting radius. Rated load capacities posted?
All equipment properly lubricated and maintained
Signalpersons where needed
Signals posed, understood, and observed
Inspection and maintenance logs maintained
Hazard signs posted and visible to operator

9. FLAMMABLE GASES AND LIQUIDS

All containers approved and clearly identified
Proper storage practices observed
Fire hazards checked
Proper types and number of extinguishers nearby
Proper method for moving cylinders used

10. PERSONAL PROTECTIVE EQUIPMENT MONITORED BY SUPERVISORS

Hard hats available on-site; worn when overhead hazards exist
Eye protection
Face shields
Voluntary Respirator Program Table II have been passed out to employees
Helmets and hoods
Hearing protection – noise monitoring; written program
Foot protection
Rubber or plastic gloves, aprons, and sleeves for chemical protection
Electrician's rubber gloves and protectors

11. GHS PROGRAM

Chemical inventory list developed and maintained
Containers properly labeled with signal words and pictograms
Safety Data Sheets collected and available
Written program available

12. CONFINED SPACE

Written confined space program
Competent instruction and supervisors provided
Hot work permits obtained, if needed, prior to entry and work
Evaluation and monitoring – sampling devices adequate, calibrated, and used
Ventilation adequate, testing and monitoring during operation

GRIP | A BETTER HANDLE ON WORKERS' COMP

Job Hazard Analysis Weekly Plan

Date:_____ **Jobsite**: _____

Prepared By:_____ **Job/Code**: _____

General Description of Work:

Work Activity Hazard Analysis:

Work with your crew and competent persons to develop a safe and efficient plan for completing work.

Work Steps	Hazards	Controls

Emergency Planning:

Escape Route/Assembly Point:

Emergency Numbers: _____

Employee Name	Received Plan?	Comments
	YES ◯ NO ◯	
	YES ◯ NO ◯	
	YES ◯ NO ◯	
	YES ◯ NO ◯	
	YES ◯ NO ◯	
	YES ◯ NO ◯	

GRIP | A BETTER HANDLE ON WORKERS' COMP

Job Hazard Analysis Daily Plan

Date:_____ **Jobsite**: _____

Prepared By:_____ **Job/Code**: _____

General Description of Work:

Work Activity Hazard Analysis:

Work with your crew and competent persons to develop a safe and efficient plan for completing work.

Work Steps	Hazards	Controls

Emergency Planning:

Escape Route/Assembly Point:_____

Emergency Numbers _____

Employee Name	Received Plan	COMMENT
	YES ◯ NO ◯	
	YES ◯ NO ◯	
	YES ◯ NO ◯	
	YES ◯ NO ◯	
	YES ◯ NO ◯	
	YES ◯ NO ◯	

PHASE 2 COMPREHENSIVE COVID-19 EXPOSURE CONTROL, MITIGATION, JOB HAZARD ANALYSIS, AND RECOVERY PLAN FOR CONSTRUCTION (VERSION 1)

The purpose of this template plan is to outline the steps that every employer and employee can take to reduce the risk of exposure to COVID-19. The plan describes how to control and mitigate worker exposure to coronavirus, protective measures to be taken on the jobsite, personal protective equipment and work practice controls to be used, social distancing requirements, hygiene, cleaning and disinfecting procedures, and what to do if a worker becomes sick.[i] A copy of this plan must be available at each jobsite for inspection by state and local authorities and where employees and subcontractors can review it. Failure to meet these requirements may result in sanctions up to and including the jobsite being shut down.

Each of these is a required field and must be completed:

Jobsite name and location: WA Bldg. 1019 pacific Ave, tacom.aThe COVID-19 Site Supervisor for this jobsite as of the date this plan is signed is Brian DeShazer. They can be reached at 253-304-4950. The name of the COVID-19 Supervisor must be clearly displayed on the jobsite. The person in this role is subject to change day to day at the Company's sole discretion.

☐ A Job Hazard Analysis (JHA), including a list of engineering controls and proper Personal Protective Equipment for all jobsite activities defined by Washington State Department of Labor and Industries (L&I") as medium and high transmission risk, has been completed by the COVID-19 Site Supervisor and is attached to this Plan and incorporated herein.

☐ A cleaning schedule for this jobsite has been completed by the COVID-19 Site Supervisor and is attached to the Plan and incorporated herein.

Company certifies compliance with this Plan, which meets the requirements of Phase 2 Construction COVID-19 Jobsite Requirements announced by Gov. Inslee on May 15, 2020 and commits to adhere to the requirements set forth in this Plan.

_____ Signed By: _____

Print Name: Mark Jensen Title: Business manager Date: _____

_____ takes the health and safety of our employees and jobsites very seriously. With the spread of the coronavirus or "COVID-19," a respiratory disease caused by the SARS-CoV-2 virus, we all must remain vigilant in mitigating the outbreak. To be safe and maintain operations, we have developed this Comprehensive COVID-19 Exposure Control, Mitigation, Job Hazard Analysis, and Recovery Plan for Construction (the "Plan") to be implemented for this jobsite.

This Plan is based on currently available information from L&I, the Washington State Department of Health ("DOH"), U.S. Center for Disease Control and Prevention ("CDC") and Occupational Safety and Health Administration ("OSHA"), and is subject to change based on further information provided by the DOH, L&I, CDC, OSHA, and other public officials. These Phase 2 COVID-19 jobsite safety practices shall remain in place so long as the jobsite is Active and the "Stay Home, Stay Healthy" Washington Gubernatorial Proclamation 20-25, as amended, is in effect or if adopted as rules by a federal, state or local regulatory agency.

Company also agrees to comply with the following COVID-19 worksite-specific safety practices, as

outlined in Gov. Jay Inslee's "Stay Home, Stay Healthy" Proclamation 20-25, as amended and in accordance with L&I's General Coronavirus Prevention Under Stay Home, Stay Healthy Order (DOSH Directive 1.70) and other State, Federal, and local law. Copies of all these documents are available on the jobsite.

Responsibilities of Managers and Supervisors

All managers and supervisors must be familiar with all parts of this Plan, must follow it, and be ready to answer questions from employees. Managers and supervisors must set a good example by following this Plan at all times. This involves practicing good personal hygiene and jobsite safety practices to control and mitigate the spread of the virus. Managers and supervisors must encourage this same behavior from all employees.

BE ON THE JOBSITE WHEN REQUIRED
A COVID-19 Site Supervisor must be identified for the site. (See prior page). The COVID-19 Site Supervisor shall be designated by the contractor at every jobsite to monitor the health of employees and enforce the COVID-19 jobsite safety plan. A designated COVID-19 Supervisor must be present at all times during construction activities, except on single-family residential jobsites with six or fewer people on the site (including all subcontractors, delivery personnel, and site visitors). (Note: if the jobsite is anything other than a single-family residential jobsite, a COVID-19 Site Supervisor must be on site when any construction activity is occurring regardless of how many persons are at the site.)

TRAINING AND EDUCATION
A Safety Stand-Down/toolbox talk/tailgate training must be conducted for all jobsites on the first day of returning to work following the COVID-19 shutdown, and weekly thereafter, to explain the protective measures in place for all workers including the job hazard analysis and mitigation measures for jobsite activities defined by L&I as medium and high transmission risk for COVID-19. Gatherings of any size must be precluded so we recommend conducting safety meetings by telephone, if possible. Attendance will be collected verbally and the trainer will sign-in each attendee. Attendance will **not** be tracked through passed-around sign-in sheets or mobile devices. Educate employees in the language the employees will best understand on how to protect themselves to prevent the spread of the virus and on the safety protocols included in this Plan. We recommend visibly posting COVID-19 safety requirements on each jobsite in the appropriate language for your workforce as a mitigation tool in the JHA, but this is not required by law.

SOCIAL DISTANCING
Except as otherwise provided by this Plan and its Job Hazard Analysis, a minimum distance of six feet must be maintained between all persons at the jobsite, including at all trainings and during mealtimes and breaks. These break times must be staggered to avoid violating the six-foot social distancing requirements. Occupied workstations must be separated by six feet or have physical barriers. Identify "choke points" and "high risk areas" on jobsites and where workers typically congregate and control them so social distancing can be maintained. If materials or work items must be transported between workers, they must use staging points. Workers may go to a central point one-at-a-time to drop off or pick up items that transfer between workers.

PROVIDE ADEQUATE SAFETY AND CLEANING RESOURCES
The Company shall provide water, soap, and disposable hand towels. Hand sanitizer with greater than 60% alcohol or 70% isopropanol can be used but are not a substitute for the water requirement. In addition to regular personal protective equipment (PPE) for workers engaged in various tasks (fall protection, hard hats, hearing protection), employers will also provide gloves, eye protection, face shields, and face masks as appropriate or required for the activity being performed. A cleaning schedule is attached to this Plan. The Company will make disinfectants, tissues, and trash cans available to workers at the jobsite and ensure cleaning supplies are frequently replenished. If appropriate PPE can't be provided, the jobsite must be shut down.

SCREEN ALL WORKERS AT BEGINNING OF SHIFT
Ask all employees to inform their supervisors if a family member is home sick with COVID-19. If any employee reports such a family member, that employee must follow the isolation/quarantine requirements established by the Department of Health. Ask all workers to take their temperature at home prior to arriving at work or take their temperature when they arrive. Thermometers used should be 'no touch' or 'no contact' to the greatest extent possible. If a 'no touch' thermometer is not available, each worker may be provided with their own thermometer, or a site thermometer may be used but must be properly sanitized between each use. Any worker with a

temperature of 100.4° F or higher is considered to have a fever and must be sent home. Screen all workers at the beginning of their shift by asking them if they have a fever, cough, shortness of breath, fatigue, muscle aches, or a new loss of taste or smell.

Instruct workers to report to their supervisor if they develop the symptoms of COVID-19 (cough, shortness of breath or difficulty breathing, OR at least two of these symptoms: fever, chills, repeated shaking with chills, muscle pain, headache, sore throat, new loss of taste or smell). If symptoms develop during a shift, the worker should be sent home immediately. If the symptoms develop while the worker is not working, the worker should not return to work until they have been evaluated by a healthcare provider.

Responsibilities of Employees

Every person on our jobsites must help with the control and mitigation efforts. To minimize the spread of COVID-19 at our jobsites, we all must play our part. As set forth below, the Company has instituted various housekeeping, social distancing, and other best practices at our jobsites. All persons on the jobsite must follow these. In addition, persons on the jobsite are expected to report to their managers or supervisors if they are experiencing signs or symptoms of COVID-19, as described below.

FAMILIARIZE YOURSELF WITH ALL PARTS OF THIS POLICY INCLUDING THE JOB HAZARD ANALYSIS AND FOLLOW IT
If you have a specific question about this Plan or COVID-19, please ask your manager or supervisor. If they cannot answer the question, please contact the COVID-19 Site Supervisor.

Follow the Jobsite Protective Measures, housekeeping, social distancing, and other best practices described in this Plan.

PRACTICE SOUND PERSONAL HYGIENE
Water, soap, and disposable hand towels will be available on every jobsite. Frequently wash your hands with soap and water for at least 20 seconds. Wash your hands regularly, before and after going to the bathroom, before eating or smoking, and after coughing, sneezing, or blowing your nose.

- Avoid touching your eyes, nose, or mouth with unwashed hands.
- Follow appropriate respiratory etiquette, which includes covering for coughs and sneezes.
- Avoid close contact with people who are sick.

FAMILIARIZE YOURSELF WITH THE SYMPTOMS OF COVID-19
Learn the symptoms of COVID-19 and notify your supervisor if you develop symptoms or if you have a family member at home with COVID-19.

The symptoms are:

- Coughing
- Shortness of breath or difficulty breathing
- Or at least two of these symptoms:
    - Fever
    - Chills
    - Repeated shaking with chills
    - Muscle pain
    - Headache
    - Sore throat
    - New loss of taste or smell

If you develop a fever and symptoms of respiratory illness, such as cough or shortness of breath, if you have a family member who does, or if you have been in close contact with a confirmed COVID-19 positive person, DO NOT GO TO WORK. Instead, call your healthcare provider right away and notify your supervisor. Any employee/contractor/visitor showing symptoms of COVID-19 will be required to immediately leave the jobsite and return home. Failure of any worker to comply with this Plan will result in being sent home for the duration of the emergency action. For example, if any employee refuses to wear the appropriate facial covering, they will be sent home.

I. JOBSITE PROTECTIVE MEASURES

The Company has instituted the following protective measures at this jobsite.

FOLLOW REQUIRED SOCIAL DISTANCING REQUIREMENTS AT ALL TIMES. WHEN STRICT PHYSICAL DISTANCING IS NOT FEASIBLE FOR A SPECIFIC TASK, OTHER PREVENTIVE MEASURES ARE REQUIRED AS SET FORTH IN THIS PLAN.

Except in compliance with the JHA incorporated into this Plan, social distancing of at least six feet of separation must be maintained by every person on the jobsite at all times. All persons must avoid physical contact with others (no shaking hands). Where work trailers are used, only necessary persons should enter the trailers, and everyone should maintain social distancing.

All in-person meetings will be limited. To the extent possible, meetings will be conducted by telephone. Weather permitting, in-person meetings will be conducted outdoors with appropriate social distancing maintained at all times. Whenever possible, conduct bid walks/inspections via video, such as Skype. Everyone on-site will be required to stagger breaks and lunches, to reduce the size of any group at any one time. Because masks must be worn by all persons at all times on the jobsite (save an individual working alone on the jobsite with no chance of human interaction), we recommend that meals not be eaten on the jobsite.

SCREEN ALL WORKERS AT THE BEGINNING OF THEIR SHIFT FOR TEMPERATURE AND SYMPTOM CHECK
Ask workers if they have a fever, cough, shortness of breath, fatigue, muscle aches, or new loss of taste or smell. Ask workers to take their temperature at home prior to arriving at work or take their temperature when they arrive. Thermometers used on the jobsite shall be 'no touch' or 'no contact' to the greatest extent possible. If a 'no touch' or 'no contact' thermometer is not available, either every worker can be provided its own thermometer, or a site thermometer may be used provided that the thermometer is properly sanitized between each use. Any worker with a temperature of 100.4°F or higher is considered to have a fever and must be sent home. Workers may not begin work on a jobsite until a daily temperature check and symptom check has been completed.

WEAR ALL REQUIRED PERSONAL PROTECTIVE EQUIPMENT (PPE) AT ALL TIMES ON THE JOBSITE
In addition to regular PPE for workers engaged in various tasks (fall protection, hard hats, hearing protection), employers will also provide for use by employees:

- **Gloves:** Gloves must be worn by everyone who is sharing tools on the jobsite. The type of glove worn should be appropriate to the task. If gloves are not typically required for the task, are not required by the JHA, and the worker is not sharing tools then no gloves are required. If the worker is sharing tools, or gloves are required as a mitigation strategy in the JHA then any type of glove is acceptable, including disposable, latex gloves. Employees may not share gloves.
- **Eye protection:** Eye protection must be worn at all times by everyone on the jobsite. Employees may not share eye protection.
- **Face masks:** Unless worker exposure dictates a higher level of protection under L&I's safety and health rules and guidance, cloth face masks must be worn at all times by everyone not working alone on the jobsite. Refer to Coronavirus facial Covering and Mask Requirements for additional details of when a higher level of protection is required. The Job Hazard Analysis section of this Plan includes a list of engineering controls and proper Personal Protective Equipment for all jobsite activities defined by L&I as medium and high transmission risk. If there is a chance of human interaction on the jobsite by a person working alone, they must also wear a cloth facemask, otherwise, a person working alone on a jobsite does not need to wear

a mask unless the work otherwise requires it, for instance, for dust mitigation. Employees may not share masks. In order to ensure strict compliance, we recommend that employees do not eat meals on the jobsite.

If appropriate PPE can't be provided, the jobsite must be shut down.

A worker who does not believe they are safe to work is allowed to remove themselves from the jobsite.

SHARING TOOLS, RIDES, EQUIPMENT, FOOD AND BEVERAGES IS DISCOURAGED
Workers should limit the use of co-workers' tools and equipment. To the extent tools must be shared, the employees must wear gloves and the Company will provide alcohol-based wipes to clean tools before and after use. Objects handled by more than one worker must be cleaned when the items are transferred.

Workers are discouraged from ridesharing. If ridesharing is unavoidable, workers must ensure adequate ventilation, PPE, and proper social distancing. If practicable, workers should use/drive the same truck or piece of equipment every shift. Refer to the JHA for more details.

It is recommended, though not required that in lieu of using a common source of drinking water, such as a cooler, workers should use individual water bottles. Similarly, because of how COVID-19 is transmitted, we recommend against sharing food or beverages.

IF YOU SHOW SIGNS OF COVID-19 YOU WILL BE REQUIRED TO GO HOME
Any worker/contractor/visitor showing symptoms of COVID-19 will be required to immediately leave the jobsite and return home.

SPECIAL RULES FOR WORKERS ENTERING OCCUPIED BUILDING AND HOMES
When workers perform construction and maintenance activities within occupied homes, these work locations present unique hazards with regards to COVID-19 exposures. All such workers should evaluate the specific hazards when determining best practices related to COVID-19.

During this work, workers must sanitize the work areas upon arrival, throughout the workday, and immediately before departure. The Company will provide disinfectant for this purpose.

Workers should ask other occupants to keep a personal distance of ten (10) feet at a minimum. Workers should wash or sanitize hands immediately before starting and after completing the work.

II. JOBSITE CLEANING AND DISINFECTING

The Company will make disinfectants available to workers throughout the jobsite and ensure cleaning supplies are frequently replenished. The Company has instituted regular housekeeping practices, which includes cleaning and disinfecting frequently used tools and equipment, and other elements of the work environment, where possible. A Cleaning Schedule is attached to this Plan and incorporated herein.

If a worker on the jobsite has tested positive for COVID-19 or goes home feeling ill, the Company will immediately cordon off any areas where the employee with a probable or confirmed COVID-19 illness worked, touched surfaces and otherwise created a heightened risk of transmission to others until the area and equipment is cleaned and sanitized. Thoroughly clean areas where the worker worked or would have stayed more than 10 minutes, wipe all accessible surfaces, clean up any visible soiling including any smears or streaks, sanitize common touch surfaces in the vicinity, and do not allow other workers into these areas until the cleaning is complete. Follow the cleaning guidelines set by the CDC to deep clean and sanitize.

The Company will ensure that any disinfection shall be conducted using one of the following:

- Bleach solutions or an EPA approved disinfectant;
- Alcohol solution with at least 60% alcohol; or
- Diluted household bleach solutions (these can be used if appropriate for the surface).
- The Company will maintain Safety Data Sheets of all disinfectants used on site.

III. FFCR ACT AND JOBSITE EXPOSURE SITUATIONS

Families First Coronavirus Response Act.
The Families First Coronavirus Response Act (**FFCRA or Act)** requires certain employers to provide their employees with paid sick leave or expanded family and medical leave for specified reasons related to COVID-19. The Department of Labor's Wage and Hour Division (WHD) administers and enforces the new law's paid leave requirements. These provisions will apply from the effective date through December 31, 2020. Company agrees to comply with the expanded family and medical leave requirements included in the FFRCA.

Generally, the Act provides that covered employers must provide to **all employees**:

- *Two weeks (up to 80 hours) of **paid sick leave** at the employee's regular rate of pay* where the employee is unable to work because the employee is quarantined (pursuant to Federal, State, or local government order or advice of a health care provider), and/or experiencing COVID-19 symptoms and seeking a medical diagnosis; or
- *Two weeks (up to 80 hours) of **paid sick leave** at two-thirds the employee's regular rate of pay* because the employee is unable to work because of a bona fide need to care for an individual subject to quarantine (pursuant to Federal, State, or local government order or advice of a health care provider), or care for a child (under 18 years of age) whose school or child care provider is closed or unavailable for reasons related to COVID-19, and/or the employee is experiencing a substantially similar condition as specified by the Secretary of Health and Human Services, in consultation with the Secretaries of the Treasury and Labor.

A covered employer must provide to **employees that it has employed for at least 30 days**:

- *Up to an additional 10 weeks of **paid expanded family and medical leave** at two-thirds the employee's regular rate of pay* where an employee is unable to work due to a bona fide need for leave to care for a child whose school or child care provider is closed or unavailable for reasons related to COVID-19.

EMPLOYEE EXHIBITING COVID-19 SYMPTOMS
If an employee exhibits COVID-19 symptoms, the employee must go home and remain at home until he or she is symptom free for 72 hours (three full days) without the use of fever-reducing or other symptom-altering medicines (e.g., cough suppressants). The Company will similarly require an employee that reports to work with symptoms to return home until they are symptom free for 72 hours (three full days). To the extent practical, employees are required to obtain a doctor's note clearing them to return to work.

EMPLOYEE TESTS POSITIVE FOR COVID-19
An employee that tests positive for COVID-19 will be directed to self-quarantine away from work. Employees that test positive and are symptom free may return to work when at least seven days have passed since the date of his or her first positive test and have not had a subsequent illness. Employees that test positive and are directed to care for themselves at home may return to work when: (1) at least 72 hours (three full days) have passed since recovery; and (2) at least seven days have passed since symptoms first appeared. Employees that test positive and have been hospitalized may return to work when directed to do so by their medical care provider. The Company may require an employee to provide documentation clearing their return to work.

EMPLOYEE HAS CLOSE CONTACT WITH A TESTED POSITIVE COVID-19 INDIVIDUAL
Employees that have come into close contact with a confirmed-positive COVID-19 individual (co-worker or otherwise), will be directed to self-quarantine for 14 days from the last date of close contact with the carrier. Close contact is defined as six feet for a prolonged period of time.

If the Company learns that an employee has tested positive, the Company will conduct an investigation into co-workers that may have had close contact with the confirmed-positive employee in the prior 14 days and direct those individuals that have had close contact with the confirmed-positive employee to self-quarantine for 14 days from the last date of close contact with the carrier. If an employee learns that he or she has come into close contact with a confirmed-positive individual outside of the workplace, they must alert a manager or supervisor of the close contact and also self-quarantine for 14 days from the last date of close contact with the carrier.

FAILURE TO COMPLY
Failure of an employee to comply will result in the employee being sent home during the emergency action.

IV. OSHA RECORDKEEPING

If a confirmed case of COVID-19 is reported, the Company will determine if it meets the criteria for recordability and reportability under OSHA's recordkeeping rule. OSHA requires construction employers to record work-related injuries and illnesses that meet certain severity criteria on the OSHA 300 Log, as well as complete the OSHA Form 301 (or equivalent) upon the occurrence of these injuries. For purposes of COVID-19, OSHA also requires employers to report to OSHA any work-related illness that (1) results in a fatality, or (2) results in the in-patient hospitalization of one or more employee. "In-patient" hospitalization is defined as a formal admission to the in-patient service of a hospital or clinic for care or treatment.

OSHA has determined that COVID-19 should *not* be excluded from coverage of the rule—like the common cold or the seasonal flu—and, thus, OSHA is considering it an "illness." However, OSHA has stated that only confirmed cases of COVID-19 should be considered an illness under the rule. Thus, if an employee simply comes to work with symptoms consistent with COVID-19 (but not a confirmed diagnosis), the recordability analysis would not necessarily be triggered at that time.

If an employee has a confirmed case of COVID-19, the Company will conduct an assessment of any workplace exposures to determine if the case is work-related. Work-relatedness is presumed for illnesses that result from events or exposures in the work environment unless it meets certain exceptions. One of those exceptions is that the illness involves signs or symptoms that surface at work but result solely from a non-work-related event or exposure that occurs *outside* of the work environment. Thus, if an employee develops COVID-19 *solely* from an exposure outside of the work environment, it would *not* be work-related, and thus not recordable.

The Company's assessment will consider the work environment itself, the type of work performed, risk of person-to-person transmission given the work environment, and other factors such as community spread. Further, if an employee has a confirmed case of COVID-19 that is considered work-related, the Company will report the case to OSHA if it results in a fatality within 30 days or an in-patient hospitalization within 24 hours of the exposure incident occurring.

V. CONFIDENTIALITY/PRIVACY

Except for circumstances in which the Company is legally required to report workplace occurrences of communicable disease, the confidentiality of all medical conditions will be maintained in accordance with applicable law and to the extent practical under the circumstances. If a worker is confirmed to have COVID-19 infection and the Company has been advised, so the other workers may take measures to protect their own health, the Company will notify other workers of their possible exposure to COVID-19 in the workplace. The Company will not disclose the sick person's name but will instruct workers about how to proceed based on the CDC Public Health Recommendations.

VI. NON-WASHINGTON WORKERS, GENERAL QUESTIONS AND COMPLAINTS

As has been required by the Governor's Phase 2 Construction COVID-19 Jobsite Requirements, any worker coming to work on this jobsite from any state that is not contiguous with Washington, must first self-quarantine for 14 days prior to being present on the jobsite.

Given the fast-developing nature of the COVID-19 outbreak, the Company may modify this Plan in its sole discretion including to meet new legal requirements or county or state health guidance.

If you have any questions concerning this Plan contact the COVID-19 Site Supervisor. Complaints may be submitted to the Labor and Industries Call Center (1.800.423.7233) or via email to adag253@lni.wa.gov.

Employee Notification

DATE: _____

TO: _____

FROM: _____

We have been informed by one of our [employees/customer/vendor/etc] working at Wa Bldg jobsite that they have a confirmed case of COVID-19, based on test results obtained on date- . Per company policy, this [employee/customer/vendor/etc] has been directed to self-quarantine until permitted to return to work.

We are alerting you to this development because, based on the Company's investigation, we believe that you may have come into contact with the confirmed-positive case, on or about_____. Based on Company policy we are directing you not to report to work (i.e., self- quarantine) until, at least, _____ [14 days from last contact with confirmed case]. In the interim, we encourage you to seek medical advice and a COVID-19 test, especially if you are exhibiting symptoms of the virus.

If you do not test positive for COVID-19, or experience symptoms, by_____[14 days from last contact with confirmed case]. you may return to work. However, please inform _____ [company contact] if any of the following occur during your self-quarantine: you experience flu- like symptoms, including fever, cough, sneezing, or sore throat; or you test positive for COVID- 19.

We are committed to providing a safe environment for all of our employees and top-quality service to our customers. It is in the interest of those goals that we provide this information out of an abundance of caution.

We also want to take this opportunity to remind you that one of our core values as a company is respect for and among our employees/customers. We will treat information regarding the identity of employees/customers with suspected or confirmed cases of COVID-19 as confidential to the extent practicable and will comply with applicable laws regarding the handling of such information. Further, per Company policy, we will not tolerate harassment of, or discrimination or retaliation against, employees/anyone.

Please contact_____at 206-883-6993
if you have any questions or concerns.

For more information about COVID-19, please visit the CDC website.

Health Screening Questionnaire

All workers must be asked a set of health questions daily either in advance of or upon arriving on the jobsite. You may wish to keep a record that the screening occurred, but we do not recommend keeping a record of the results as they must be treated as confidential employee information. If the worker answers "yes" to any of the following questions, they should not be permitted to access the jobsite:

- Do you have a temperature of 100.4°F or higher?
- Do you have a cough, shortness of breath or difficulty breathing?
- Do you have at least two of the following symptoms?
    - Fever
    - Chills
    - Repeated shaking with chills
    - Muscle pain
    - Headache
    - Sore throat
    - New loss of taste or smell
- Have you been confirmed positive for COVID-19?

[i] Prepared as a template by the Master Builders Association of King and Snohomish Counties for use by MBAKS Members. Significant portions of his template COVID-19 Exposure Prevention, Preparedness, and Response Plan for Construction were developed by the Construction Industry Safety Coalition ("CISC") and released on March 25, 2020. The CISC is comprised of over 25 construction industry trade associations representing all aspects of the construction industry. The CISC was formed to provide information to the Occupational Safety and Health Administration and contractors on important safety and health issues. As the COVID-19 outbreak develops, the information and recommendations contained in this document may change to comply with laws and changing health conditions and health department recommendations.

GRIP | A BETTER HANDLE ON WORKERS' COMP

UNIFIED FALL PROTECTION WORK PLAN

WAC 296-880-10020 Unified Fall Protection: You must develop and implement a written fall protection work plan including each area of the workplace where the employees are assigned and where fall hazards of 10ft or more exist. The plan must be made available on the job site for L&I compliance inspections.

Company Name: Realfine Painting LLC

Site Address: 1019 Pacific Ave, Tacoma WA

Emergency Contact: Brain DeShazer **Phone:**253-304-4950

Identify all Fall Hazards of 10ft or more

Check the fall hazard/s box below that represent onsite fall hazards 10ft or more above ground on your project. Write a brief description of hazard using the hazard box below.					
EXAMPLE: Skylights	X	Fall hazard of 10ft on north end of project. No railings currently erected.			
Open-sided floors	☐		**Stairwell**	☐	
Leading edge work	☐		**Window Opening**	☐	
Decks/Balconies	☐		**Roofs**	☐	
Holes	☐		**Mobile lift work**	☐	

Other Fall Hazards in Area

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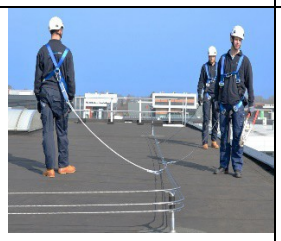
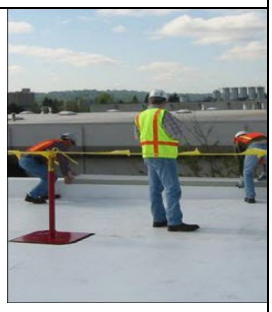
Method/s of Fall Protection

Check box for the fall protection method/s being used for the identified fall hazards identified above.
(LSO=Low Slopes Only. Low Slope = 4 X 12 or less)

Personal Fall Arrest System		☐	**Positioning Device**	☐	
Fall Restraint System		☐	**Covers**	☐	
Horizontal lifeline		☐	**Vertical lifelines & Rope grab**	☐	
Guardrail system (LSO)		☐	**Safety net**	☐	
Warning line with safety monitor (LSO)		☐	**Safety Watch System (LSO)**	☐	

Additional Instructions

GRIP | A BETTER HANDLE ON WORKERS' COMP

Describe procedures for assembly, maintenance, inspection, disassembly of fall protection system to be used below.

Describe procedures for handling, storage and securing tools, equipment and materials.

Describe methods of overhead protection for workers who or pass through work areas.

Describe methods for prompt rescue of employees in the event of a fall.

Employees who received fall protection training on the above site specific work plan.

The employer or employers designee signature verifies that employees are trained and instructed on plan:

Name	Title	Date

RESET FORM

Occupational Medical Clinic of Tacoma

4703 Pacific Highway East• Tacoma, Washington 98424 • (253) 922-9570 • FAX 922-9587
email: omctacoma@comcast.net • www.occmedtacomainc.com

MEDICAL CLEARANCE

Dani tis TtAcob, was examined at this facility and had required medical testing performed on this date APR 0 6 2021 for Real Fine Painting

☐ PRE PLACEMENT REPORT ☐ Pending x-ray/ lab results or review prior medical records.

☐ PERIODIC EVALUATION ☐ Pending x-ray/ lab results or review prior medical records.

☐ No significant findings which require job modification s.

☐ Job modifications recommended

☐ Job modification mandated by Federal/ State regulations

☐ Bending/ Stooping/ Tw

☐ Lifting,

☐ Standing/ Walking,

☐ Sitting,

☐ No work at unprotected heights, with or about dangerous machinery, operation of commercial motor vehicle.

☐

☐ **DRUG TEST** ☐ Negative 0 Positive for

☐ **AUDIOGRAM** ☐ Baseline ☐ Annual; ☐ No change ☐ STS ☐ Follow up

RESPIRATOR CLEARANCE

• ☐ May use ☐ May not use respirator

☐ Does Not ☐ Does have limitations regarding use ofa respirator

☐ Requires a respirator which allows for wear of corrective lenses

0 Other

The employee ☐ Has not been given and/ or sent a report of his/ her examination.

Other:

HAZMAT CLEARANCE

☐ Does Not ☐ Does have a medical condition which precludes exposure or places the individual at increased risk of health from exposure to:

☐ Asbestos ☐ HAZMAT Operations

☐ Lead ☐ Emergency Medical Response Duties

☐ Other:

The employee ☐Has ☐ Has not been informed of increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

The employee ☐ Has ☐ Has not been given and/ or sent a report of his/ her examination.

☐ DOT CLEARANCE

☐ Meets standards in 49 CFR 391.41; qualifies for 2 year certificate, expires

☐ Wearing corrective lenses ☐ Wearing hearing aid ☐ SPE Certificate ☐ Accompanied by a waiver/ exemption

☐ Does not meet standards

☐ Meets standards, but periodic evaluation required due to

Qualified only for: ☐ 3 month ☐ 6 month ☐ 1 year ☐ Other: Exp. Date

☐ Temporarily disqualified due to (condition or medication) :

Return to medical examiners office for follow up on

Medical Examiner:

AZADEH FAROKHI, MD

STEPHEN FEWELL PA-C

EIT **TEST REPORT**

41512021

IDNUMBER	10251999		
LAST NAME	DANIELS	CUSTOM1	
FIRST NAME	JACOB	r..ll Tnu,	
COMPANY		**CUSTOM3**	
LOCATION		**CUSTOM4**	
TEST DATE	4/5/2021 10:24	**PORTACOUNT SJN**	8038152905
DUE DATE	4/5flS1l2.	**N95 COMPANION**	**N**
RESPIRATOR	**3M** 7503 HALF FACE [100]	**PROTOCOL**	OSHA FAST-FULU H ALF FACE
MANUFACTURER	3M	**PASS** LEVEL	100
MODEL	7503		
MASKSTYLE	HALF FACE	**APPROVAL**	
MASK SIZE	LARGE	**EFFICIENCY<99%**	False

EXERCISE	DURATION tsec.)	FIIEACTOR	PASS
BENDING OVER	50	2035	y
JOGGING IN PLACE	30	1779	y
HEAD SIDE TO SIDE	30	1841	y
HEAD UP AND DOWN	30	196	y
OVERALL FF		597	y

FIT **TEST OPERATOR** _____ J **DATE** oY lasJi,,1

NAME DANIELS **DATE** P(f /o /2=1

Note:

Respirator Fit Test Card

Name: JACOB DANIELS Test Date: 415/2021

ID : 10251999 Next Test Date: 415/2022

Respirator	Results
Mfg: 3M	Overan FF: 597
Model: 7503	FF Pass Level: 100
Style: HALF FACE	Pass: y
Size: LARGE	Operator. JM

Protocol: OSHA FAST-FULUHALF FACE

Fit Test **Method:** QNFT using TSI PortaCount

Occupational Medical Clinic of Tacoma 253-922-9570

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MEDICAL CLEARANCE

D --t S IA 2er u r, A-r\.... . . ..

testing performed on this date PR 05 202 for Reo.J £i f\.J , was examined at this facility and had required medical eaJn:ti :j

PRE PLACEMENT REPORT ☐ Pending x-ray/ lab results or review prior medical records.

☐ PERIODIC EVALUATION ☐ Pending x-ray/ lab results or review prior medical records.

- ☐ No significant findings which require job modifications.
- ☐ Job modifications recommended
- ☐ Job modification mandated by Federal/ State regulations
- ☐ Bending/ Stooping/ Twisting __________
- ☐ Lifting __________
- ☐ Standing/ Walking __________
- ☐ Sitting __________
- ☐ No work at unprotected heights, with or about dangerous machinery, operation of commercial motor vehicle.
- ☐

☐ **DRUG TEST** ☐ Negative ☐ Positive for

☐ **AUDIOGRAM** ☐ Baseline ☐ Annual; ☐ No change ☐ STS ☐ Follow up

☐ RESPIRATOR CLEARANCE

☐ May ☐ May not use respirator

☐ Does Not ☐ Does have limitations regarding use of a respirator

☐ Requires a respirator which allows for wear of corrective lenses

☐ Other __________

The employee has ☐ Has not been given and/ or sent a report of his/ her examination.

Other:

☐ HAZMAT CLEARANCE

Does Not ☐ ☐ Does have a medical condition which precludes exposure or places the individual at increased risk of health from exposure to:

- ☐ Asbestos ☐ HAZMAT Operations
- ☐ Lead ☐ Emergency Medical Response Duties
- ☐ Other __________

The employee ☐ Has ☐ Has not been informed of increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

The employee ☐ Has ☐ Has not been given and/ or sent a report of his/ her examination.

☐ DOT CLEARANCE

☐ Meets standards in 49 CFR 391.41; qualifies for 2 year certificate, expires

☐ Wearing corrective lenses ☐ Wearing hearing aid ☐ SPE Certificate ☐ Accompanied by a _____ waiver/ exemption

☐ Does not meet standards

☐ Meets standards, but periodic evaluation required due to __________

Qualified only for: ☐ 3 month ☐ 6 month ☐ 1 year ☐ Other: Exp. Date____

☐ Temporarily disqualified due to (condition or medication): __________

Return to medical examiners office for follow up on

Medical Examiner:

____

AZADEH FAROKHI, MD ____________________

FIT TEST REPORT

41512021

ID NUMBER	10231981		
LAST NAME	DESHAZER	CUSTOM1	
FIRST NAME	BRIAN	CUSTOM2	
COMPANY		CUSTOM3	
LOCATION		CUSTOM4	
TEST DATE	4/5/2021 07:48	PORTACOUNT SIN	8038152905
DUE DATE	*415/2022*	N95 COMPANION	N
RESPIRATOR	3M 7503 HALF FACE [100]	PROTOCOL	OSHA FAST-FULL/HALF FACE
MANUFACTURER	3M	PASS LEVEL	100
MODEL	7503		
MASK STYLE	HALF FACE	APPROVAL	
MASK SIZE	MEDIUM	EFFICIENCY 9%	False

EXERCISE	DURATION {sec.}	FIT FACTOR	PASS
BENDING OVER	50	4975	y
JOGGING IN PLACE	30	7287	y
HEAD SIDE TO SIDE	30	13035	y
HEAD UP AND DOWN	30	1079	y
OVERALL FF		2983	y

FIT TEST OPERATOR JM DATE a<!/osl,,

NAME BRIAN DESHAZER DATE 1/41-Lf

Note:

Respirator Fit Test Card

Name: BRIAN DESHAZER Test Date: 4/5/2021

ID: 10231981 Next Test Date: 415/20'22

Respirator	Results
Mfg: 3M	overall FF: 2983
Model: 7503	FF Pass Level: 100
Style: HALF FACE	Pass: y
Size: MEDIUM	Operator: JM

Protocol: OSHA FAST-FULUHALF FACE

Fit Test Method: QNFT using TSI PortaCount

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MEDICAL CLEARANCE

vi 611\(, was examined at this facility and had required medical testing perfoimed on this date, APR 0 5 2021 for Real Fine Painting

D PRE PLACEMENT REPORT
☐ PERIODIC EVALUATION

D Pending x-ray/ lab results or review prior medical records.
☐ Pending x-ray/ lab results or review prior medical records.

☐ No significant findings which require job modifications.
☐ Job modifications recommended
☐ Job modiftcations mandated by Federal/ State regulations
☐ Bending/ Stooping Twisting
☐ Lifting
☐ Standing/ Walking
☐ Sitting
☐ No work at unprotected heights, with or about dangerous machinery, operation of commercial motor vehicle.
D

.,-JJ **DR:UC TEST** O negative ☐ Posmve ror

8 **AUIHOORAM** ☐ Basehne D Annual, rJ M'o **change** D ST Q **Follow up**

ESPIRATOR CLEARANCE

@1,.fay ☐ May not use respirator
J?l<Ooes Not D Does have limitations regarding use of a respirator
D Requires a respirator which allows for wear of corrective lenses
☐ Other

The employe fas ☐ Has not been given and/ or sent a report of his/ her examinatio n.
Other:

HAZMAT CLEARANCE

I Does Not ☐ Does have a medical condition which precludes exposure or places the individual at increased risk of health from exposure to:

☐ Asbesto
☐ Lead
☐ O the

D HAZMAT Operations
D Emergency Medical Response Duties

The employee ☐Has D Has not been in f the increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

The employee D Has ☐ Has not been given and/ or sent a report of his/ her examination.

D DOT CLEARANCE

☐ Meets standards in 49 CFR 391.41; qualifies for2 year certificate,

☐ Wearing corrective lenses D Wearing hearing aid D SPE Certificate D A ied by a waiver/ exemption
D Does not meet standards
D Meets standards, but periodic evaluation required due to
Qualified only for: D 3 month D 6 month ☐ 1 year D Other: xp. Date
D Temporarily disqualified due to (condition or medication):
Return to medical examiners office for follow up on

Medical Examiner:

AZADEH FAROKHI, MD

FIT J'EST REPORT

4/512021

IDNUMBER	12/06/1981		
LAST NAME	LAW	**CUSTOM1**	
FIRST NAME	BARRY	**CUSTOM2**	
COMPANY		**CUSTOM3**	
LOCATION		**CUSTOM4**	
TEST DATE	4/5J2021 10:39	**PORTACOUNT SIN**	8038152905
DUE DATE	*4/5IN22*	**N95 COMPANION**	N
RESPIRATOR	3M 7503 HALF FACE [100]	**PROTOCOL**	OSHA FAST-FULUHALF FACE
MANUFACTURER	3M	**PASS** LEVEL	**100**
MODEL	7503		
MASK STYLE	HALF FACE	**APPROVAL**	
MASK SIZE	LARGE	EFACIENCY<99%	False

EX!;;B ISE	DURATION (sec.)	F!IFACTOR	**PASS**
BENDING OVER	50	737	y
JOGGING IN PLACE	30	696	y
HEAD SIDE TO SIDE	30	714	y
HEAD UP AND DOWN	30	913	y
OVERALL FF		756	y

FIT TEST **OPERATOR** JM DATE olJ(oslz..J

NAME BARRY LAW DATE «/sffe!

Note;

Respirator Fit Test Card

Name: BARRY LAW
ID: 12/06/1981
Test Date: 4/5/2021
Next Test Date: *415/2022*

Respirator
Mfg: 3M
Model: 7503
Style: HALF FACE
Size: LARGE

Results
Overall FF: 756
FF Pass Level: 100
Pass: y
Operator: JM

Protocol: OSHA FAST-FULLJHALF FACE
Flt Test Method: QNFT using TSI PortaCount
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MEDICAL

r 1U,nl 6 Jecarla V-VI v':1,-V- ... A .yfj,_a efil.mined at this facility and had required medical testing performed on this date APR 0 5 2021 for Real Time Painting

☐ **PRE PLACEMENT REPORT** ☐ Pending x-ray/ lab results or review prior medical records.

☐ **PERIODIC EVALUATION** ☐ Pending x-ray/ lab results or review prior medical records.

- ☐ No significant fmdings which require job modifications.
- ☐ Job "ficat ions recommended
- ☐ Job modific · s mandated by Federal/ State regulations
- ☐ Bending/ Stooping isting_ _ _ _ _ _ _ _ _ _ _ _ _ _
- ☐ Lifting '-- - - - - - - - --"' - - - - - - - - - - - - -
- ☐ Standing/ Walking,_ _ _ _ _____c--- - - - - - - -
- ☐ Sitting_ _ _ _ _ _ _ _ _ _ _ _ _ ---"____ _ _ _ _ _ _
- ☐ No work at unprotected heights, with or about dangerous machinery, operation of commercial motor vehicle.
- ☐ ______________________

☐ **DRUG TEST** ☐ Negative ☐ Positive for ______________________

☐ **AUDIOGRAM** ☐ Baseline ☐ Annual; ☐ No change ☐ STS ☐ Follow up ______

☐ **RESPIRATOR CLEARANCE**

- May ☐ May not use respirator
- Does Not ☐ Does have limitations regarding use of a respirator
- ☐ Requires a respirator which allows for wear of corrective lenses
- ☐ Other _

The employee ☐ Has ☐ Has not been given and/ or sent a report of his/ her examination.

Other: ______________________

☐ **HAZMAT CLEARANCE**

Does Not ☐ Does have a medical condition which precludes exposure or places the individual at increased risk of health from exposure to:

- ☐ Asbestos ☐ HAZMAT Operations
- ☐ Lead ☐ Emergency Medical Response Duties
- ☐ Other: _

The employee ☐ Has ☐ Has not been informed of increased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

The employee ☐ Has ☐ Has not been given and/ or sent a report of his/ her examination.

☐ **DOT CLEARANCE**

- ☐ Meets standards in 49 CFR 391.41; qualifies for 2 year certificate, expires_____ _ _ _ _
  - ☐ Wearing corrective lenses ☐ Wearing hearing aid ☐ SPE Certificate ☐ Accompanied ______________ waiver/ exemption
- ☐ Does not meet standards
- ☐ Meets standards, but periodic evaluation required due to_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

Qualified only for: ☐ 3 month ☐ 6 month ☐ 1 year ☐ Other:_ _ _ _ _ _ _ _ _ _ _ _ Exp. Date_ _ _ _ _

☐ Temporarily disqualified due to (condition or medication):_ _

Return to medical examiners office for follow up on ______________________

Medical Examiner:

____

AZADEH FAROKHI, MD ______________________

FIT TEST REPORT

4/612021

ID NUMBER	07061989		
LAST NAME	PLUMB	**CUSTOM1**	
FiRSTNAME	JERALD	**CUSTOM2**	
COMPANY	REAL FINE PAINTING	**CUSTOM3**	
LOCATION		**CUSTOM4**	
TEST DATE	4/5/2021 09:35	**PORTACOUNT SIN**	8038152905
DUE DATE	415/2022	**N95 COMPANION**	N
RESPIRATOR	3M 7502 HALF FACE [100)	**PROTOCOL**	OSHA FAST-FULUHALF FACE
MANUFACTURER	**3M**	**PASS LEVEL**	100
MODEL	7502		
MASK STYLE	HALF FACE	**APPROVAL**	
MASK SIZE	MEDIUM	**EFFICIENCY<99%**	False

EXERCISE	**DURATION (sec.)**	FIT **FACTOR**	**PASS**
BENDING OVER	50	5501	y
JOGGING IN PLACE	30	3074	y
HEAD SIDE TO SIDE	30	63	N
HEAD UP AND DOWN	30	108	y
OVERALL FF		157	y

FIT TEST OPERATOR Oi o,V DATE oL/ los L2-1

CW

NAME **DATE** olj/05/2-1

JERALD PLUMB

Note:

Respirator Fit Test Card

Name : JERALD PLUMB Test Date: 4/5/2021

ID: 07061989 Next Test Date: 4/5/2022

Respirator

Mfg: 3M

Model: 7502

Style: HALF FACE

Size: MEDIUM

Results

Overall FF: 157

FF Pass Level: 100

Pass: y

Operator: CW

Protocol: OSHA FAST-FUL L/HALF FACE

Fil Test Method: QNFT using TSI PortaCount

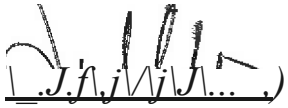
Occupational Medical Clinic of Tacoma 253-922-9570

FIT TEST REPORT

415/2021

IDNUMBER	01131994		
LAST NAME	ROLIRAD	**CUSTOM1**	
FIRST NAME	JOSEPH	**CUSTOM2**	
COMPANY		**CUSTOM3**	
LOCATION		**CUSTOM4**	
TEST DATE	4/5/2021 09:06	**PORTACOUNT SIN**	8038152005
DUE DATE	4/5/2022	**N95 COMPANION**	**N**
RESPIRATOR	**3M** 7503 HALF FACE [100]	**PROTOCOL**	OSHA FAST-FULL/HALF FACE
MANUFACTURER	3M	**PASS** LEVEL	100
MODEL	7503		
MASK STYLE	HALF FACE	**APPROVAL**	
MASK SIZE	LARGE	**EFFICIENCY<99%**	False

EXERCISE	**DURATION (sec.)**	FIT **FACTOR**	**PASS**
BENDING OVER	50	15917	y
JOGGING IN PLACE	30	20964	y
HEAD SIDE TO SIDE	30	78139	y
HEAD UP ANO DOWN	30	107441	y
OVERALL FF		30158	y

FITTESTOPERATOR  DATE 01//05/t {

NAME JOS ROLIRAD 

Note:

Respirator Fit Test Card

Name: JOSEPH ROURAD Test Date: 4/5/2021

ID: 01131994 Next Test Date: *415/2022*

Respirator	**Results**
Mfg: 3M	Overall FF: 30158
Model: 7503	FF Pass Level: 100
Style: HALF FACE	Pass: y
Size: LARGE	Operator: JM

Protocol: OSHA FAST-FULL/HALF FACE

Fit Test Method: QNFT using TSI PortaCount

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MEDICAL CLEARANCE

Ro\irM Joseph _____________, was examined at this facility and had required medical testing performed on this date APR 0 5 21121 for Real Fine Painting

PRE PLACEMENT REPORT ☐ Pending x-ray/ lab results or review prior medical records.

☐ PERIODIC EVALUATION ☐ Pending x-ray/ lab results or review prior medical records.

☐ No significant findings which require job modifications.

☐ Job modifications recommended

0 Job modific · s mandated by Federal / State regulations

☐ Bending/ Stooping/. n,,,g _ _ _ _ _ _ _ _ _ _ _ _ _ _

☐ Lifting '- - - - - - - - - - -= ---=- - - - - - - - - -

☐ Standing/ Walking,_ _ _ _ _ _ _ _ --=..-...,. - - - -

☐ Sitting,_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ ----' .c-- -

0 No work at unprotected heights, with or about dangerous machinery, operation of commercial motor vehicle.

☐

-.[]...:BRUb TEST D Negative ☐ Positive for

D 4 IIDIOGR ".,l.li4 D "8t1:selifle D Annual; 0 No change ☐S'IS D Fottow ttp

RESPIRATOR CLEARANCE

May ☐ May not use respirator

§Does Not ☐ Does have limitations regarding use of a respirator

☐ Requires a respirator which allows for wear of corrective lenses

☐ Other _

The employee.d.Has ☐ Has not been given and/ or sent a report of his/ her examination.

Other:

HAZMAT CLEARANCE

Does Not ... Does have a medical condition which precludes exposure or p1aces the individual at increased risk of health from exposure to:

☐ Asbestos ☐ HAZMAT Operations

☐ Lead ☐ Emergency Medical Response Duties

☐ Other: _

The employee ☐Has · reased risk of lung cancer attributable to the combined effect of smoking and asbestos exposure.

The employee ☐ Has ☐ Has not been given and/ or sent a report of his/ her examination.

☐ DOT CLEARANCE

☐ Meets standards in 49 CFR 391.41; qualifies for 2 year certificate, expires........................ _

☐ Wearing corrective lenses ☐ Wearing hearing aid ☐ SPE Certificate ☐ Accompanied by _______ waiver/ exemption

☐ Does not meet standards

☐ Meets standards, but periodic evaluation required due to_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _

Qualified only for: ☐ 3 month ☐ 6 month ☐ 1 year ☐ Other _______________________ Exp. Date____ _

☐ Temporarily disqualified due to (condition or medication): _

Retum to medical examiners office for follow up on

Medical Examiner:

____

AZADEH FAROKHI, MD