



Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: 490C0110
Product Name: FIBERTITE 1 QUICK RELEASE PREPRESS SEALER
Product Use: Paint product.
Print date: 27/Mar/2014
Revision Date: 27/Mar/2014

Company Identification

The Valspar Corporation
PO Box 1461
Minneapolis, MN 55440

Manufacturer's Phone: 1-612-851-7000

24-Hour Medical Emergency Phone: 1-888-345-5732

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:

Inhalation
Ingestion
Skin absorption

Eye Contact:

- Moderate eye irritation
- Risk of serious damage to eyes.

Skin Contact:

- Causes skin irritation.

Ingestion:

- Harmful if swallowed.

Inhalation:

- May cause irritation of respiratory tract.

Target Organ and Other Health Effects:

- Kidney injury may occur.

This product contains ingredients that may contribute to the following potential chronic health effects:

- Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis).
- Possible sensitization.
- Chronic exposure may cause permanent damage of health.

Carcinogens:

- Cancer hazard. Contains material which can cause cancer.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

| Ingredient Name CAS-No. | Approx. Weight % | Chemical Name |
|----------------------------|---------------------|----------------------------|
| SILICA 14808-60-7 | 15 - 20 | QUARTZ (SiO ₂) |
| PROPRIETARY ADDITIVE | 5 - 10 | PROPRIETARY ADDITIVE |

If this section is blank there are no hazardous components per OSHA guidelines.

4. FIRST AID MEASURES

Eye Contact:

Remove any contact lenses and open eyes wide apart. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If medical assistance is not immediately available, flush an additional 15 minutes. Get medical attention immediately.

Skin Contact:

Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

Ingestion:

Rinse mouth with water. Give one or two glasses of water. Never give anything by mouth to an unconscious person. Only induce vomiting at the instruction of medical personnel. Get medical attention.

Inhalation:

Move to fresh air. Get medical attention, if symptoms develop or persist.

Medical conditions aggravated by exposure:

Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

| | |
|----------------------------------|--|
| Flash point (Fahrenheit): | 230 |
| Flash point (Celsius): | 110 |
| Lower explosive limit (%): | not determined |
| Upper explosive limit (%): | not determined |
| Autoignition temperature: | not determined |
| Sensitivity to impact: | no |
| Sensitivity to static discharge: | Sensitivity to static discharge is not expected. |
| Hazardous combustion products: | See Section 10. |

Unusual fire and explosion hazards:

None known.

Extinguishing media:

Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures:

Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

6. ACCIDENTAL RELEASE MEASURES**Action to be taken if material is released or spilled:**

Ventilate the area. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Avoid all personal contact.

7. HANDLING AND STORAGE**Precautions to be taken in handling and storage:**

Keep container closed when not in use. Do not freeze. Since emptied containers may contain product residue, follow all label warnings, even after container is emptied. Do not cut, drill, grind, or weld on or near this container.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS**Personal Protective Equipment****Eye and face protection:**

Wear chemical goggles with splash shields or face shield. Contact lenses should not be worn when working with chemicals because contact lenses may contribute to the severity of an eye injury in case of exposure.

Skin protection:

Gloves: Neoprene or other nonporous.

Other Personal Protection Data:

Usual industrial work clothes. Ensure that eyewash stations and safety showers are close to the workstation location. Chemical resistant apron

Respiratory protection:

If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Ventilation

Use only in well-ventilated areas. Ensure adequate ventilation, especially in confined areas.

Exposure Guidelines**OSHA Permissible Exposure Limits (PEL's)**

| Ingredient Name CAS-No. | Approx. Weight % | TWA (final) | Ceilings limits (final) | Skin designations |
|----------------------------|---------------------|--|-------------------------|-------------------|
| SILICA 14808-60-7 | 15 - 20 | (30)/(%SiO ₂ + 2) mg/m ³ TWA, total dust (250)/(%SiO ₂ + 5) mppcf TWA, respirable fraction (10)/(%SiO ₂ + 2) mg/m ³ TWA, respirable fraction | | |

ACGIH Threshold Limit Value (TLV's)

| Ingredient Name CAS-No. | Approx. Weight % | TWA | STEL | Ceiling limits | Skin designations |
|----------------------------|---------------------|--|------|----------------|----------------------|
| SILICA 14808-60-7 | 15 - 20 | 0.025 mg/m ³ TWA respirable fraction | | | |

9. PHYSICAL PROPERTIES

| | |
|---|-------------------------------|
| Odor: | Normal for this product type. |
| Physical State: | liquid |
| pH: | not determined |
| Vapor pressure: | 24 mmHg @ 77°F (25°C) |
| Vapor density (air = 1.0): | 1 |
| Boiling point: | 212°F (100°C) |
| Solubility in water: | not determined |
| Coefficient of water/oil distribution: | not determined |
| Density (lbs per US gallon): | 9.68 |
| Specific Gravity: | 1.16 |
| Evaporation rate (butyl acetate = 1.0): | 1 |
| Flash point (Fahrenheit): | 230 |
| Flash point (Celsius): | 110 |
| Lower explosive limit (%): | not determined |
| Upper explosive limit (%): | not determined |
| Autoignition temperature: | not determined |

10. STABILITY AND REACTIVITY

| | |
|-----------------------------------|--|
| Stability: | Stable under normal conditions. |
| Conditions to Avoid: | None known. |
| Incompatibility: | Strong oxidizing agents |
| Hazardous Polymerization: | None anticipated. |
| Hazardous Decomposition Products: | Carbon monoxide and carbon dioxide. Ammonia compounds. Nitrogen compounds. |

Sensitivity to static discharge: Sensitivity to static discharge is not expected.

11. TOXICOLOGICAL INFORMATION

| Ingredient Name CAS-No. | Approx. Weight % | NIOSH - Selected LD50s and LC50s |
|----------------------------|---------------------|----------------------------------|
| SILICA 14808-60-7 | 15 - 20 | = 500 mg/kg Oral LD50 Rat |
| PROPRIETARY ADDITIVE | 5 - 10 | = 8471 mg/kg Oral LD50 Rat |

Mutagens/Teratogens/Carcinogens:

Cancer hazard. Contains material which can cause cancer.

Contains crystalline silica. The IARC has determined that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (group 1). Refer to IARC monograph 68 in conjunction with the use of these materials. Risk of cancer depends on the duration and level of exposure. In coatings products, risk is due primarily to inhalation of sanding dusts or respirable particles in spray mists. The NTP has also determined that crystalline silica is a known human carcinogen in the form of fine, breathable particles. Risk of cancer depends on duration and level of exposure in coatings products, risk is due primarily to inhalation of sanding dust or respirable particles in spray mist.

| Ingredient Name CAS-No. | Approx. Weight % | California Prop 65 - Reproductive (Female) | California Prop 65 - Carcinogen |
|----------------------------|---------------------|---|--|
| SILICA 14808-60-7 | 15 - 20 | | Listed. initial date 10/1/88 - carcinogen |

| Ingredient Name CAS-No. | Approx. Weight % | IARC Group 1 - Human Evidence | IARC Group 2A - Limited Human Data | IARC Group 2B - Sufficient Animal Data |
|----------------------------|---------------------|----------------------------------|---------------------------------------|---|
| SILICA 14808-60-7 | 15 - 20 | Monograph 68 [1997] | | |

| Ingredient Name CAS-No. | Approx. Weight % | NTP Known Carcinogens | NTP Suspect Carcinogens |
|----------------------------|---------------------|------------------------|-------------------------|
| SILICA 14808-60-7 | 15 - 20 | Known Human Carcinogen | |

| Ingredient Name CAS-No. | Approx. Weight % | OSHA - Hazard Communication Carcinogens | OSHA - Specifically Regulated Carcinogens | ACGIH Carcinogens |
|----------------------------|---------------------|---|--|----------------------------------|
| SILICA 14808-60-7 | 15 - 20 | Present | | A2 Suspected Human Carcinogen |

12. ECOLOGICAL DATA

No information on ecology is available.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation

UN ID Number (msds):

NRPAIN

Proper Shipping Name:

PAINT, NOT REGULATED

U.S Hazmat and/or International DG shipment exceptions

The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

Reportable Quantity Description:

International Air Transport Association (IATA):

Proper shipping name:

NOT REGULATED

International Maritime Organization (IMO):

Proper shipping name:

NOT REGULATED

Marine Pollutant

No

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

SARA 311/312 Hazard Class:

Acute: yes
Chronic: yes
Flammability: no
Reactivity: no
Sudden Pressure: no

U.S. STATE REGULATIONS:

Right to Know:

The specific chemical identity of a component may be withheld as a trade secret under 34 Pennsylvania Code, Chapter 317.

Pennsylvania Right To Know:

PROPRIETARY ADDITIVE Trade Secret
SILICA 14808-60-7

Additional Non-Hazardous Materials

WATER 7732-18-5
PROPRIETARY RESIN Trade Secret
PROPRIETARY OIL Trade Secret

California Proposition 65:

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

Rule 66 status of product Not photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories

US TSCA Inventory:

All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List:

All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health: 2*
Flammability: 1
Reactivity: 1
PPE: X - See Section 8 for Personal Protective Equipment (PPE).

Abbreviations:

OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

Disclaimer:

The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information.

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Preparation Information:

| | |
|----------------|-------------------------------|
| Prepared By: | Regulatory Affairs Department |
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