



# PERMACOLOR® Grout

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Date of Revision: 11/28/2022 Date of Issue: 12/03/2019

Version: 2.0

### SECTION 1: IDENTIFICATION

#### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** PERMACOLOR® Grout

**Product Code:** 2509(100); 2517; 2522; 2523; 2524: 2527;2530; 2534; 2525; 2539; 2540; 2545(115); 2546; 2552; 2556;2557; 2558; 2559; 2560; 2561; 2566; 2567; 2578; 2581; 2585; 2587(105); 2588; 2589; 2590; 2593; 2594; 2595; 2597

#### 1.2. Intended Use of the Product

Grout. For professional use only.

#### 1.3. Name, Address, and Telephone of the Responsible Party

##### Company

LATICRETE International

1 Laticrete Park, N

Bethany, CT 06524

T (203)-393-0010

[www.laticrete.com](http://www.laticrete.com)

##### Company

LATICRETE Canada ULC

PO Box 129, Emeryville, Ontario, Canada

NOR-1A0

(833)-254-9255

#### 1.4. Emergency Telephone Number

**Emergency Number** : For Chemical Emergency call VelocityEHS day or night:

(800)255-3924 (North America)

+1 (813)248-0585 (International - collect calls accepted)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

##### GHS-US/CA Classification

Serious eye damage/eye irritation Category 1

H318

Skin sensitization, Category 1

H317

Carcinogenicity Category 1A

H350

#### 2.2. Label Elements

##### GHS-US/CA Labeling

##### Hazard Pictograms (GHS-US/CA)



##### Signal Word (GHS-US/CA)

: Danger

##### Hazard Statements (GHS-US/CA)

: H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

H350 - May cause cancer (inhalation).

##### Precautionary Statements (GHS-US/CA)

: P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P261 - Avoid breathing dust.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear protective gloves, protective clothing, and eye protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313 - If exposed or concerned: Get medical advice/attention.

P310 - Immediately call a POISON CENTER or doctor.

P321 - Specific treatment (see section 4 on this SDS).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P405 - Store locked up.

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P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

### 2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

### 2.4. Unknown Acute Toxicity (GHS-US/CA)

No additional information available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product Identifier	% *	GHS Ingredient Classification
Limestone	(CAS-No.) 1317-65-3	49 - 59	Not classified
Cement, alumina, chemicals	(CAS-No.) 65997-16-2	10 - 30	Eye Irrit. 2A, H319
Sulfuric acid, calcium salt (1:1)	(CAS-No.) 7778-18-9	7 - 13	Not classified
Kaolin	(CAS-No.) 1332-58-7	3.95 - 4	Not classified
Cement, portland, chemicals	(CAS-No.) 65997-15-1	1 - 5	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335
Quartz	(CAS-No.) 14808-60-7	0.1 - 1	Carc. 1A, H350 STOT SE 3, H335 STOT RE 1, H372
Cellulose	(CAS-No.) 9004-34-6	0.1 - 1	Comb. Dust
Calcium oxide	(CAS-No.) 1305-78-8	≤ 0.2	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
Silica, amorphous, precipitated and gel	(CAS-No.) 112926-00-8	0.03 - 0.1	Not classified
Carbonic acid, calcium salt (1:1)	(CAS-No.) 471-34-1	< 0.05	Not classified
Chromium, ion (Cr6+)	(CAS-No.) 18540-29-9	< 0.002	Skin Sens. 1, H317 Carc. 1B, H350 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Methacrylic acid	(CAS-No.) 79-41-4	< 0.0012	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 3, H402

Full text of H-statements: see section 16

\*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

\*\* The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First-aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

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**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Wash affected area with soap and water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

**Eye Contact:** Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**General:** May cause cancer by inhalation. Skin sensitization. Causes serious eye damage.

**Inhalation:** Prolonged exposure may cause irritation. Cough, dyspnea (breathing difficulty), wheezing; decreased pulmonary function, progressive respiratory symptoms (silicosis). The lungs become very inflamed and may fill with fluid, causing severe shortness of breath and low blood oxygen levels. Inflammation, scarring, and symptoms progress faster in accelerated silicosis than in simple silicosis. Progressive massive fibrosis may occur in simple or accelerated silicosis, but is more common in the accelerated form. Progressive massive fibrosis results from severe scarring and leads to the destruction of normal lung structures.

**Skin Contact:** May cause an allergic skin reaction.

**Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** Repeated and prolonged exposure may produce an allergic reaction. May cause cancer by inhalation. This product contains crystalline silica. Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis; a seriously disabling and fatal lung disease, and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects. Pulmonary function may be reduced and pre-existing lung diseases such as: emphysema or asthma may be aggravated by inhalation exposure to dusts. Smoking aggravates the effects of exposure. Inhalation may lead to a progressive massive fibrosis which may be accompanied by right heart enlargement, heart failure, pulmonary failure of the lung and susceptibility to pulmonary tuberculosis.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand. Treatment will be based on severity and prognosis of disease.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, or dry chemical.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not flammable.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions. Adding water may release a small amount of heat. Silicates dissolve in hydrofluoric acid, producing corrosive silicon tetrafluoride gas. Silicates react with powerful oxidizers such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, and oxygen difluoride.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Metal oxides. Sulfur dioxide.

### 5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not breathe dust. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood.

#### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

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**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Avoid actions that cause dust to become airborne during clean-up such as dry sweeping or using compressed air. Use HEPA vacuum or thoroughly wet with water to clean-up dust. Use PPE described in Section 8.

### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry.

**Precautions for Safe Handling:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid creating or spreading dust. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

### 7.3. Specific End Use(s)

Grout. For professional use only.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

Limestone (1317-65-3)		
USA OSHA	OSHA PEL (TWA) [1]	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
USA NIOSH	NIOSH REL (TWA)	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
Alberta	OEL TWA	10 mg/m <sup>3</sup>
British Columbia	OEL STEL	20 mg/m <sup>3</sup> (total)
British Columbia	OEL TWA	10 mg/m <sup>3</sup> (total dust) 3 mg/m <sup>3</sup> (respirable fraction)
New Brunswick	OEL TWA	10 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica)
Nunavut	OEL STEL	20 mg/m <sup>3</sup>
Nunavut	OEL TWA	10 mg/m <sup>3</sup>
Northwest Territories	OEL STEL	20 mg/m <sup>3</sup>
Northwest Territories	OEL TWA	10 mg/m <sup>3</sup>
Québec	VEMP (OEL TWA)	10 mg/m <sup>3</sup> (Limestone, containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL	20 mg/m <sup>3</sup>
Saskatchewan	OEL TWA	10 mg/m <sup>3</sup>
Yukon	OEL STEL	20 mg/m <sup>3</sup>

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<b>Yukon</b>	OEL TWA	30 mppcf 10 mg/m <sup>3</sup>
<b>Sulfuric acid, calcium salt (1:1) (7778-18-9)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	10 mg/m <sup>3</sup> (inhalable particulate matter)
<b>USA OSHA</b>	OSHA PEL (TWA) [1]	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
<b>USA NIOSH</b>	NIOSH REL (TWA)	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
<b>Alberta</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>British Columbia</b>	OEL TWA	10 mg/m <sup>3</sup> (inhalable)
<b>Manitoba</b>	OEL TWA	10 mg/m <sup>3</sup> (inhalable particulate matter)
<b>New Brunswick</b>	OEL TWA	10 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica)
<b>Newfoundland &amp; Labrador</b>	OEL TWA	10 mg/m <sup>3</sup> (inhalable particulate matter)
<b>Nova Scotia</b>	OEL TWA	10 mg/m <sup>3</sup> (inhalable particulate matter)
<b>Nunavut</b>	OEL STEL	20 mg/m <sup>3</sup> (Gypsum) 20 mg/m <sup>3</sup> (Plaster of Paris)
<b>Nunavut</b>	OEL TWA	10 mg/m <sup>3</sup> (Gypsum) 10 mg/m <sup>3</sup> (Plaster of Paris)
<b>Northwest Territories</b>	OEL STEL	20 mg/m <sup>3</sup> (Gypsum) 20 mg/m <sup>3</sup> (Plaster of Paris)
<b>Northwest Territories</b>	OEL TWA	10 mg/m <sup>3</sup> (Gypsum) 10 mg/m <sup>3</sup> (Plaster of Paris)
<b>Ontario</b>	OEL TWA	10 mg/m <sup>3</sup> (inhalable particulate matter)
<b>Prince Edward Island</b>	OEL TWA	10 mg/m <sup>3</sup> (inhalable particulate matter)
<b>Québec</b>	VEMP (OEL TWA)	10 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica-inhalable dust)
<b>Saskatchewan</b>	OEL STEL	20 mg/m <sup>3</sup> (Gypsum and Plaster of Paris)
<b>Saskatchewan</b>	OEL TWA	10 mg/m <sup>3</sup> (Gypsum and Plaster of Paris)
<b>Kaolin (1332-58-7)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)
<b>USA ACGIH</b>	ACGIH chemical category	Not Classifiable as a Human Carcinogen
<b>USA OSHA</b>	OSHA PEL (TWA) [1]	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
<b>USA NIOSH</b>	NIOSH REL (TWA)	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
<b>Alberta</b>	OEL TWA	2 mg/m <sup>3</sup> (respirable)
<b>British Columbia</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate)
<b>Manitoba</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate matter-particulate matter, respirable particulate matter)
<b>New Brunswick</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction)
<b>Newfoundland &amp; Labrador</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate matter-particulate matter, respirable particulate matter)
<b>Nova Scotia</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate matter-particulate matter, respirable particulate matter)
<b>Nunavut</b>	OEL STEL	4 mg/m <sup>3</sup> (respirable fraction)

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<b>Nunavut</b>	OEL TWA	2 mg/m <sup>3</sup> (respirable fraction)
<b>Northwest Territories</b>	OEL STEL	4 mg/m <sup>3</sup> (respirable fraction)
<b>Northwest Territories</b>	OEL TWA	2 mg/m <sup>3</sup> (respirable fraction)
<b>Ontario</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate matter)
<b>Prince Edward Island</b>	OEL TWA	2 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate matter-particulate matter, respirable particulate matter)
<b>Québec</b>	VEMP (OEL TWA)	2 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica-respirable dust)
<b>Saskatchewan</b>	OEL STEL	4 mg/m <sup>3</sup> (respirable fraction)
<b>Saskatchewan</b>	OEL TWA	2 mg/m <sup>3</sup> (respirable fraction)
<b>Yukon</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA	30 mppcf 10 mg/m <sup>3</sup>
<b>Cellulose (9004-34-6)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	10 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) [1]	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
<b>USA NIOSH</b>	NIOSH REL (TWA)	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
<b>Alberta</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>British Columbia</b>	OEL TWA	10 mg/m <sup>3</sup> (total dust) 3 mg/m <sup>3</sup> (respirable fraction)
<b>Manitoba</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Newfoundland &amp; Labrador</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Nova Scotia</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Ontario</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Prince Edward Island</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Québec</b>	VEMP (OEL TWA)	10 mg/m <sup>3</sup> (paper fibres-total dust)
<b>Saskatchewan</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Saskatchewan</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Yukon</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA	30 mppcf 10 mg/m <sup>3</sup>
<b>Quartz (14808-60-7)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	0.025 mg/m <sup>3</sup> (respirable particulate matter)
<b>USA ACGIH</b>	ACGIH chemical category	A2 - Suspected Human Carcinogen
<b>USA OSHA</b>	OSHA PEL (TWA) [1]	50 µg/m <sup>3</sup> (Respirable crystalline silica)
<b>USA OSHA</b>	OSHA PEL (TWA) [2]	(250)/(%SiO <sub>2</sub> +5) mppcf TWA (respirable fraction) (10)/(%SiO <sub>2</sub> +2) mg/m <sup>3</sup> TWA (respirable fraction) (For any operations or sectors for which the respirable crystalline silica standard, 1910.1053, is stayed or otherwise not in effect, See 20 CFR 1910.1000 TABLE Z-3)
<b>USA NIOSH</b>	NIOSH REL (TWA)	0.05 mg/m <sup>3</sup> (respirable dust)
<b>USA IDLH</b>	IDLH	50 mg/m <sup>3</sup> (respirable dust)
<b>Alberta</b>	OEL TWA	0.025 mg/m <sup>3</sup> (respirable particulate)

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<b>British Columbia</b>	OEL TWA	0.025 mg/m <sup>3</sup> (respirable)
<b>Manitoba</b>	OEL TWA	0.025 mg/m <sup>3</sup> (respirable particulate matter)
<b>New Brunswick</b>	OEL TWA	0.1 mg/m <sup>3</sup> (respirable fraction)
<b>Newfoundland &amp; Labrador</b>	OEL TWA	0.025 mg/m <sup>3</sup> (respirable particulate matter)
<b>Nova Scotia</b>	OEL TWA	0.025 mg/m <sup>3</sup> (respirable particulate matter)
<b>Nunavut</b>	OEL TWA	0.05 mg/m <sup>3</sup> (Trydimite removed-respirable fraction (Silica - crystalline))
<b>Northwest Territories</b>	OEL TWA	0.05 mg/m <sup>3</sup> (Trydimite removed-respirable fraction (Silica - crystalline))
<b>Ontario</b>	OEL TWA	0.1 mg/m <sup>3</sup> (designated substances regulation-respirable fraction (Silica, crystalline))
<b>Prince Edward Island</b>	OEL TWA	0.025 mg/m <sup>3</sup> (respirable particulate matter)
<b>Québec</b>	VEMP (OEL TWA)	0.1 mg/m <sup>3</sup> (respirable dust)
<b>Saskatchewan</b>	OEL TWA	0.05 mg/m <sup>3</sup> (Trydimite removed-respirable fraction (Silica - crystalline (Trydimite removed)))
<b>Yukon</b>	OEL TWA	300 particle/mL (Silica - Quartz, crystalline)
<b>Methacrylic acid (79-41-4)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA [ppm]	20 ppm
<b>USA NIOSH</b>	NIOSH REL (TWA)	70 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL TWA [ppm]	20 ppm
<b>Alberta</b>	OEL TWA	70 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA [ppm]	20 ppm
<b>British Columbia</b>	OEL TWA [ppm]	20 ppm
<b>Manitoba</b>	OEL TWA [ppm]	20 ppm
<b>New Brunswick</b>	OEL TWA	70 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL TWA [ppm]	20 ppm
<b>Newfoundland &amp; Labrador</b>	OEL TWA [ppm]	20 ppm
<b>Nova Scotia</b>	OEL TWA [ppm]	20 ppm
<b>Nunavut</b>	OEL STEL [ppm]	30 ppm
<b>Nunavut</b>	OEL TWA [ppm]	20 ppm
<b>Northwest Territories</b>	OEL STEL [ppm]	30 ppm
<b>Northwest Territories</b>	OEL TWA [ppm]	20 ppm
<b>Ontario</b>	OEL TWA [ppm]	20 ppm
<b>Prince Edward Island</b>	OEL TWA [ppm]	20 ppm
<b>Québec</b>	VEMP (OEL TWA)	70 mg/m <sup>3</sup>
<b>Québec</b>	VEMP (OEL TWA) [ppm]	20 ppm
<b>Saskatchewan</b>	OEL STEL [ppm]	30 ppm
<b>Saskatchewan</b>	OEL TWA [ppm]	20 ppm
<b>Carbonic acid, calcium salt (1:1) (471-34-1)</b>		
<b>USA NIOSH</b>	NIOSH REL (TWA)	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
<b>Alberta</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL STEL	20 mg/m <sup>3</sup> (Limestone)
<b>Nunavut</b>	OEL TWA	10 mg/m <sup>3</sup> (Limestone)
<b>Northwest Territories</b>	OEL STEL	20 mg/m <sup>3</sup> (Limestone)
<b>Northwest Territories</b>	OEL TWA	10 mg/m <sup>3</sup> (Limestone)
<b>Québec</b>	VEMP (OEL TWA)	10 mg/m <sup>3</sup> (total dust)
<b>Saskatchewan</b>	OEL STEL	20 mg/m <sup>3</sup> (Limestone)
<b>Saskatchewan</b>	OEL TWA	10 mg/m <sup>3</sup> (Limestone)
<b>Yukon</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA	30 mppcf 10 mg/m <sup>3</sup>

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<b>Particulates not otherwise classified (PNOC)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	3 mg/m <sup>3</sup> Respirable fraction 10 mg/m <sup>3</sup> Total Dust
<b>USA OSHA</b>	OSHA PEL (TWA) [1]	5 mg/m <sup>3</sup> Respirable fraction 15 mg/m <sup>3</sup> Total Dust
<b>USA OSHA</b>	OSHA PEL (TWA) [2]	15 mppcf (respirable fraction) 50 mppcf (total dust) See 29 CFR 1910.1000 Table Z-3
<b>Alberta</b>	OEL TWA	10 mg/m <sup>3</sup> (total) 3 mg/m <sup>3</sup> (respirable)
<b>British Columbia</b>	OEL TWA	10 mg/m <sup>3</sup> (including nuisance dusts-total dust) 3 mg/m <sup>3</sup> (including nuisance dusts-respirable fraction)
<b>Manitoba</b>	OEL TWA	10 mg/m <sup>3</sup> (inhalable particles, recommended) 3 mg/m <sup>3</sup> (respirable particles, recommended)
<b>New Brunswick</b>	OEL TWA	3 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction) 10 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, inhalable fraction)
<b>Newfoundland &amp; Labrador</b>	OEL TWA	10 mg/m <sup>3</sup> (inhalable particles, recommended) 3 mg/m <sup>3</sup> (respirable particles, recommended)
<b>Nova Scotia</b>	OEL TWA	10 mg/m <sup>3</sup> (inhalable particles, recommended) 3 mg/m <sup>3</sup> (respirable particles, recommended)
<b>Nunavut</b>	OEL STEL	20 mg/m <sup>3</sup> (insoluble or poorly soluble-inhalable fraction) 6 mg/m <sup>3</sup> (insoluble or poorly soluble-respirable fraction)
<b>Nunavut</b>	OEL TWA	10 mg/m <sup>3</sup> (insoluble or poorly soluble-inhalable fraction) 3 mg/m <sup>3</sup> (insoluble or poorly soluble-respirable fraction)
<b>Northwest Territories</b>	OEL STEL	20 mg/m <sup>3</sup> (insoluble or poorly soluble-inhalable fraction) 6 mg/m <sup>3</sup> (insoluble or poorly soluble-respirable fraction)
<b>Northwest Territories</b>	OEL TWA	10 mg/m <sup>3</sup> (insoluble or poorly soluble-inhalable fraction) 3 mg/m <sup>3</sup> (insoluble or poorly soluble-respirable fraction)
<b>Ontario</b>	OEL TWA	10 mg/m <sup>3</sup> (inhalable fraction) 3 mg/m <sup>3</sup> (respirable fraction)
<b>Prince Edward Island</b>	OEL TWA	10 mg/m <sup>3</sup> (inhalable particles, recommended) 3 mg/m <sup>3</sup> (respirable particles, recommended)
<b>Québec</b>	VEMP (OEL TWA)	10 mg/m <sup>3</sup> (including dust, inert or nuisance particulates-total dust)
<b>Saskatchewan</b>	OEL STEL	20 mg/m <sup>3</sup> (insoluble or poorly soluble-inhalable fraction) 6 mg/m <sup>3</sup> (insoluble or poorly soluble-respirable fraction)
<b>Saskatchewan</b>	OEL TWA	10 mg/m <sup>3</sup> (insoluble or poorly soluble-inhalable fraction) 3 mg/m <sup>3</sup> (insoluble or poorly soluble-respirable fraction)
<b>Cement, portland, chemicals (65997-15-1)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	1 mg/m <sup>3</sup> (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter)
<b>USA ACGIH</b>	ACGIH chemical category	Not Classifiable as a Human Carcinogen
<b>USA OSHA</b>	OSHA PEL (TWA) [1]	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable fraction)
<b>USA OSHA</b>	OSHA PEL (TWA) [2]	50 mppcf (<1% Crystalline silica) (See 29 CFR 1910.1000 TABLE Z-3)
<b>USA NIOSH</b>	NIOSH REL (TWA)	10 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> (respirable dust)
<b>USA IDLH</b>	IDLH	5000 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>British Columbia</b>	OEL TWA	1 mg/m <sup>3</sup> (particulate matter containing no Asbestos and



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		<1% Crystalline silica-respirable particulate)
<b>Manitoba</b>	OEL TWA	1 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate matter-particulate matter, respirable particulate matter)
<b>New Brunswick</b>	OEL TWA	10 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica)
<b>Newfoundland &amp; Labrador</b>	OEL TWA	1 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate matter-particulate matter, respirable particulate matter)
<b>Nova Scotia</b>	OEL TWA	1 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate matter-particulate matter, respirable particulate matter)
<b>Nunavut</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Ontario</b>	OEL TWA	1 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica-respirable particulate matter)
<b>Prince Edward Island</b>	OEL TWA	1 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate matter-particulate matter, respirable particulate matter)
<b>Québec</b>	VEMP (OEL TWA)	10 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica-total dust) 5 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica-respirable dust)
<b>Saskatchewan</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Saskatchewan</b>	OEL TWA	10 mg/m <sup>3</sup>
<b>Yukon</b>	OEL STEL	20 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA	30 mppcf 10 mg/m <sup>3</sup>
<b>Calcium oxide (1305-78-8)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	2 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) [1]	5 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (TWA)	2 mg/m <sup>3</sup>
<b>USA IDLH</b>	IDLH	25 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA	2 mg/m <sup>3</sup>
<b>British Columbia</b>	OEL TWA	2 mg/m <sup>3</sup>
<b>Manitoba</b>	OEL TWA	2 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL TWA	2 mg/m <sup>3</sup>
<b>Newfoundland &amp; Labrador</b>	OEL TWA	2 mg/m <sup>3</sup>
<b>Nova Scotia</b>	OEL TWA	2 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL STEL	4 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA	2 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL STEL	4 mg/m <sup>3</sup>
<b>Northwest Territories</b>	OEL TWA	2 mg/m <sup>3</sup>
<b>Ontario</b>	OEL TWA	2 mg/m <sup>3</sup>
<b>Prince Edward Island</b>	OEL TWA	2 mg/m <sup>3</sup>
<b>Québec</b>	VEMP (OEL TWA)	2 mg/m <sup>3</sup>
<b>Saskatchewan</b>	OEL STEL	4 mg/m <sup>3</sup>
<b>Saskatchewan</b>	OEL TWA	2 mg/m <sup>3</sup>
<b>Yukon</b>	OEL STEL	4 mg/m <sup>3</sup>
<b>Yukon</b>	OEL TWA	2 mg/m <sup>3</sup>

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Chromium, ion (Cr <sup>6+</sup> ) (18540-29-9)		
USA OSHA	OSHA PEL (TWA) [1]	5 µg/m <sup>3</sup>
USA OSHA	OSHA Action Level/Excursion Limit	2.5 µg/m <sup>3</sup> (Action level, see 29 CFR 1910.1026)
Silica, amorphous, precipitated and gel (112926-00-8)		
USA OSHA	OSHA PEL (TWA) [1]	20 mppcf
USA OSHA	OSHA PEL (TWA) [2]	20 mppcf , 80/(SiO <sub>2</sub> ) mg/m <sup>3</sup> (See 29 CFR 1910.1000 TABLE Z-3)
British Columbia	OEL TWA	4 mg/m <sup>3</sup> (total) 1.5 mg/m <sup>3</sup> (respirable)
New Brunswick	OEL TWA	10 mg/m <sup>3</sup> (Silica - amorphous, precipitated silica and silica gel)
Nunavut	OEL STEL	20 mg/m <sup>3</sup> (Silica amorphous)
Nunavut	OEL TWA	10 mg/m <sup>3</sup> (Silica amorphous)
Northwest Territories	OEL STEL	20 mg/m <sup>3</sup> (Silica amorphous)
Northwest Territories	OEL TWA	10 mg/m <sup>3</sup> (Silica amorphous)
Québec	VEMP (OEL TWA)	6 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica-respirable dust)
Saskatchewan	OEL STEL	20 mg/m <sup>3</sup> (Silica amorphous)
Saskatchewan	OEL TWA	10 mg/m <sup>3</sup> (Silica amorphous)

## 8.2. Exposure Controls

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Maintain sufficient mechanical or natural ventilation to assure silica concentrations remain below PEL/TLV. Use local exhaust if necessary. Power equipment should be equipped with properly designed dust collection devices. If product needs to be altered, use wet processing techniques if possible to minimize generation of dust.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear protective gloves.

**Eye and Face Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: White
Odor	: No data available
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available

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<b>Flammability (solid, gas)</b>	: No data available
<b>Lower Flammable Limit</b>	: No data available
<b>Upper Flammable Limit</b>	: No data available
<b>Vapor Pressure</b>	: No data available
<b>Relative Vapor Density at 20°C</b>	: No data available
<b>Relative Density</b>	: No data available
<b>Specific Gravity</b>	: No data available
<b>Solubility</b>	: No data available
<b>Partition Coefficient: N-Octanol/Water</b>	: No data available
<b>Viscosity</b>	: No data available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity:

Hazardous reactions will not occur under normal conditions. Adding water may release a small amount of heat. Silicates dissolve in hydrofluoric acid, producing corrosive silicon tetrafluoride gas. Silicates react with powerful oxidizers such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, and oxygen difluoride.

### 10.2. Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

### 10.4. Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, and incompatible materials. Avoid creating or spreading dust.

### 10.5. Incompatible Materials:

Strong acids, strong bases, strong oxidizers.

### 10.6. Hazardous Decomposition Products:

Thermal decomposition may produce: Crystalline silica exists in several forms, the most common of which is quartz. If crystalline silica (quartz) is heated to more than 870°C (1598 °F), it can change to a form of crystalline silica known as trydimite, and if crystalline silica (quartz) is heated to more than 1470°C (2678 °F), it can change to a form of crystalline silica known as cristobalite. The OSHA PEL for crystalline silica as trydimite and cristobalite is one-half of the OSHA PEL for crystalline silica (quartz).

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects - Product

**Acute Toxicity (Oral):** Not classified

**Acute Toxicity (Dermal):** Not classified

**Acute Toxicity (Inhalation):** Not classified

**LD50 and LC50 Data:**

No additional information available

**Skin Corrosion/Irritation:** Not classified

**Eye Damage/Irritation:** Causes serious eye damage.

**Respiratory or Skin Sensitization:** May cause an allergic skin reaction.

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** May cause cancer (inhalation).

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation. Cough, dyspnea (breathing difficulty), wheezing; decreased pulmonary function, progressive respiratory symptoms (silicosis). The lungs become very inflamed and may fill with fluid, causing severe shortness of breath and low blood oxygen levels. Inflammation, scarring, and symptoms progress faster in accelerated silicosis than in simple silicosis. Progressive massive fibrosis may occur in simple or accelerated silicosis, but is more common in the accelerated form. Progressive massive fibrosis results from severe scarring and leads to the destruction of normal lung structures.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction.

**Symptoms/Injuries After Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

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**Chronic Symptoms:** Repeated and prolonged exposure may produce an allergic reaction. May cause cancer by inhalation. This product contains crystalline silica. Long term exposure to respirable crystalline silica results in a significant risk of developing silicosis; a seriously disabling and fatal lung disease, and other non-malignant respiratory disease, lung cancer, kidney effects, and immune system effects. Pulmonary function may be reduced and pre-existing lung diseases such as: emphysema or asthma may be aggravated by inhalation exposure to dusts. Smoking aggravates the effects of exposure. Inhalation may lead to a progressive massive fibrosis which may be accompanied by right heart enlargement, heart failure, pulmonary failure of the lung and susceptibility to pulmonary tuberculosis

**Potential Adverse human health effects and symptoms:** Based on available data, the classification criteria are not met.

### 11.2. Information on Toxicological Effects - Ingredient(s)

#### LD50 and LC50 Data:

<b>Sulfuric acid, calcium salt (1:1) (7778-18-9)</b>	
LD50 Oral Rat	> 3000 mg/kg No mortalities
LC50 Inhalation Rat	> 3.26 mg/l/4h No mortalities
<b>Kaolin (1332-58-7)</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
<b>Cellulose (9004-34-6)</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 5800 mg/m <sup>3</sup> (Exposure time: 4 h)
<b>Quartz (14808-60-7)</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rat	> 5000 mg/kg
<b>Methacrylic acid (79-41-4)</b>	
LD50 Oral Rat	1060 mg/kg
LD50 Dermal Rabbit	500 – 1000 mg/kg
LC50 Inhalation Rat	7.1 mg/l/4h
ATE US/CA (gas)	4,500.00 ppmV/4h
ATE US/CA (dust, mist)	1.50 mg/l/4h
<b>Carbonic acid, calcium salt (1:1) (471-34-1)</b>	
LD50 Oral Rat	6450 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
<b>Calcium oxide (1305-78-8)</b>	
LD50 Oral Rat	> 2000 mg/kg
LD50 Dermal Rabbit	> 2500 mg/kg
LC50 Inhalation Rat	> 6.04 mg/l/4h
<b>Quartz (14808-60-7)</b>	
IARC Group	1
National Toxicology Program (NTP) Status	Known Human Carcinogens.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
<b>Chromium, ion (Cr<sup>6+</sup>) (18540-29-9)</b>	
IARC Group	1
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
OSHA Specifically Regulated Carcinogen List	In OSHA Specifically Regulated Carcinogen list.
<b>Silica, amorphous, precipitated and gel (112926-00-8)</b>	
IARC Group	3

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Ecology - General: Not classified.

**Sulfuric acid, calcium salt (1:1) (7778-18-9)**

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LC50 Fish 1	2980 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC50 Fish 2	> 1970 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
<b>Methacrylic acid (79-41-4)</b>	
LC50 Fish 1	85 mg/l (Exposure Time: 96 h - Species: Oncorhynchus mykiss[flow-through])
ErC50 algae	14 mg/l
NOEC Chronic Crustacea	53 mg/l
NOEC Chronic Algae	9.8 mg/l
<b>Calcium oxide (1305-78-8)</b>	
LC50 Fish 1	50.6 mg/l
<b>Chromium, ion (Cr6+) (18540-29-9)</b>	
LC50 Fish 1	36.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
LC50 Fish 2	7.6 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
<b>Silica, amorphous, precipitated and gel (112926-00-8)</b>	
LC50 Fish 1	10000 mg/l

### 12.2. Persistence and Degradability

<b>PERMACOLOR® Grout</b>	
Persistence and Degradability	Not established.

### 12.3. Bioaccumulative Potential

<b>PERMACOLOR® Grout</b>	
Bioaccumulative Potential	Not established.
<b>Methacrylic acid (79-41-4)</b>	
Partition coefficient n-octanol/water (Log Pow)	0.93 (at 22 °C (at pH 2.2))
<b>Carbonic acid, calcium salt (1:1) (471-34-1)</b>	
BCF Fish 1	(no bioaccumulation)
<b>Calcium oxide (1305-78-8)</b>	
BCF Fish 1	(no bioaccumulation)

### 12.4. Mobility in Soil

No additional information available

### 12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

**Ecology - Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

### 14.1. In Accordance with DOT

Not regulated for transport

### 14.2. In Accordance with IMDG

Not regulated for transport

### 14.3. In Accordance with IATA

Not regulated for transport

### 14.4. In Accordance with TDG

Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

### 15.1. US Federal Regulations

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<b>SARA Section 311/312 Hazard Classes</b>	Health hazard - Carcinogenicity Health hazard - Respiratory or skin sensitization Health hazard - Serious eye damage or eye irritation
<b>Cement, alumina, chemicals (65997-16-2)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Limestone (1317-65-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Sulfuric acid, calcium salt (1:1) (7778-18-9)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Kaolin (1332-58-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Cellulose (9004-34-6)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>EPA TSCA Regulatory Flag</b>	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
<b>Quartz (14808-60-7)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Methacrylic acid (79-41-4)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Carbonic acid, calcium salt (1:1) (471-34-1)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	
<b>Cement, portland, chemicals (65997-15-1)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Calcium oxide (1305-78-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	

### 15.2. US State Regulations

#### California Proposition 65

 **WARNING:** This product can expose you to Chromium, ion (Cr6+), 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](http://www.P65Warnings.ca.gov).

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Quartz (14808-60-7)	X			
Chromium, ion (Cr6+) (18540-29-9)	X	X		

<b>Limestone (1317-65-3)</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
<b>Sulfuric acid, calcium salt (1:1) (7778-18-9)</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
<b>Kaolin (1332-58-7)</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
<b>Cellulose (9004-34-6)</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

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U.S. - Massachusetts - Right To Know List
<b>Quartz (14808-60-7)</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
<b>Methacrylic acid (79-41-4)</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
<b>Cement, portland, chemicals (65997-15-1)</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
<b>Calcium oxide (1305-78-8)</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
<b>Chromium, ion (Cr<sup>6+</sup>) (18540-29-9)</b>
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
<b>Silica, amorphous, precipitated and gel (112926-00-8)</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List

### 15.3. Canadian Regulations

<b>Cement, alumina, chemicals (65997-16-2)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Limestone (1317-65-3)</b>
Listed on the Canadian NDSL (Non-Domestic Substances List)
<b>Sulfuric acid, calcium salt (1:1) (7778-18-9)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Kaolin (1332-58-7)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Cellulose (9004-34-6)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Quartz (14808-60-7)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Methacrylic acid (79-41-4)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Carbonic acid, calcium salt (1:1) (471-34-1)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Cement, portland, chemicals (65997-15-1)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Calcium oxide (1305-78-8)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Silica, amorphous, precipitated and gel (112926-00-8)</b>
Listed on the Canadian DSL (Domestic Substances List)

# PERMACOLOR® Grout

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Date of Preparation or Latest Revision** : 11/28/2022

**Revision**

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

**GHS Full Text Phrases:**

H227	Combustible liquid
H302	Harmful if swallowed
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H350	May cause cancer
H372	Causes damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

NA GHS SDS 2015 (Can, US)