

# Repair & Construction Related Products

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

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Version: 1.2

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : Tile Mortar  
Pro MultiPurpose Mortar - Grey  
Quick Set Mortar - Grey  
Brick Set Grey  
Brick Set Cameron  
Wall Tite Sanded Grey  
Wall Tite Sanded White  
Flexible Thin Set Mortar Grey  
Finish Stucco Coarse Grey Natural  
Finish Stucco Fine Grey Natural  
Quickset  
Vinyl Concrete Patch  
Fast Patch Grey  
Fast-Setting Concrete Mix  
Foundation Plaster  
1-Kote Premix Stucco  
Gray Surface Bonding Cement  
White Surface Bonding Cement  
Foam Gard Gray  
Foam Gard White  
Pro Mix Masonry Type N  
Pro Mix Masonry Type S  
Rapid Set Concrete Mix  
Rapid Set Mortar Mix  
Rapid Set Cement All

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Construction and repair materials.

#### 1.3. Details of the supplier of the safety data sheet

Precision Packaging Inc. or Materials Packaging Corporation  
10809 Executive Center Drive, Ste. 321  
Little Rock, AR 72211  
T 501-224-3882

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC 800-424-9300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Skin corrosion 1A  
Serious Eye Damage 1  
Skin Sensitization 1  
Carcinogenicity 1A  
Specific Target Organ Toxicity After Single Exposure 3  
Specific Target Organ Toxicity After Repeated Exposure 1

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US)



GHS05

GHS07

GHS08

Signal word (GHS-US)

Danger

Hazard statements (GHS-US)

Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause cancer. May cause respiratory irritation. Causes damage to lungs through prolonged or repeated exposure. Keep out of reach of children. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wear protective gloves and clothing as well as eye and face protection. Remove contaminated work clothing. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Do not breathe dust.

Prevention statements (GHS-US)

Response statements (GHS-US)

If exposed or concerned: Get medical advice/attention. If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center/doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If concerned, call a poison center/doctor. If inhaled: Remove person to fresh air

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Storage statements (GHS-US)  
Disposal statements (GHS-US)  
Supplemental Information

and keep comfortable for breathing. If concerned, call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor.

Store to prevent dust generation. Store to keep dry until use.

Dispose of contents and container in accordance with all local, state and federal regulations.

Read and Follow all precautions listed in the Safety Data Sheet available on request or at [Ashgrovepkg.com](http://Ashgrovepkg.com). Additional information on the selection and use of respirators can be found in the [NIOSH Respirator Selection Logic](#) (DHHS [NIOSH] Publication No. 2005-100) and the [NIOSH Guide to Industrial Respiratory Protection](#) (DHHS [NIOSH] Publication No. 87-116) available at <http://www.cdc.gov/niosh/docs/87-116/>.

This product contains greater than 0.1% crystalline silica. Crystalline silica has been linked to cancer, silicosis, and other lung problems in conditions of prolonged airborne over-exposure.

Keep product dry until use. Avoid contact with bleed water from wet product. Clothing saturated with wet product can result in delayed, serious alkali skin burns.

### 2.3. Other hazards

No additional information available.

### 2.4. Unknown acute toxicity (GHS-US)

*Quick Set Mortar - Grey: 55 % of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Wall Tite Sanded Grey: 51% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Wall Tite Sanded White: 49% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Rapid Set Cement All: 47% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Fast Patch Grey; Quickset: 44% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Vinyl Concrete Patch: 42% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*White Surface Bonding Cement; Gray Surface Bonding Cement: 38% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Pro MultiPurpose Mortar -Grey: 36% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Flexible Thin Set Mortar Grey; Rapid Set Mortar Mix: 33% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Rapid Set Concrete Mix: 30% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Pro Mix Masonry Type N; Pro Mix Masonry Type S: 22% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Finish Stucco Coarse Grey Natural; 1-Kote Premix Stucco: 20% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Finish Stucco Fine Grey Natural: 19% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Foam Gard White: 17% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Foam Gard Gray: 18% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Brick Set Cameron: 16% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Foundation Plaster: 13% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Brick Set Grey: 9% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Tile Mortar: 6% of the mixture consists of ingredient(s) of unknown acute toxicity.*  
*Fast-Setting Concrete Mix: 5% of the mixture consists of ingredient(s) of unknown acute toxicity.*

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable.

### 3.2. Mixture

Name	Product identifier	%	GHS-US classification
Quartz	(CAS No) 14808-60-7	20 - 85	Acute Tox. 4 (Oral), H302 Carc. 1A, H350 STOT RE 1, H372
Cement, portland, chemicals	(CAS No) 65997-15-1	10 - 60 <sup>15</sup>	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335
Cement, alumina, chemicals	(CAS No) 65997-16-2	33.16 <sup>1</sup>	Skin Irrit. 2, H315 Eye Dam. 1, H318
Calcium Sulfoaluminate Cement	(CAS No) 960375-09-1	7 - 47 <sup>2</sup>	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335
Ashes, residues	(CAS No) 68131-74-8	2.5 - 10 <sup>3</sup>	Not classified
Magnesium oxide (MgO)	(CAS No) 1309-48-4	0.1 - 8 <sup>14</sup>	Not classified
Limestone	(CAS No) 1317-65-3	0.1 - 7 <sup>16</sup>	Not classified
Calcium hydroxide	(CAS No) 1305-62-0	0.1 - 6 <sup>4</sup>	Skin Corr. 1A, H314
Calcium magnesium hydroxide (CaMg(OH)4)	(CAS No) 39445-23-3	6 <sup>5</sup>	Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Gypsum (Ca(SO4).2H2O)	(CAS No) 13397-24-5	0.7 - 6 <sup>14</sup>	Not classified
Magnesium hydroxide	(CAS No) 1309-42-8	0.7 - 4 <sup>6</sup>	Not classified
Manganese oxide (Mn2O3)	(CAS No) 1317-34-6	≤ 3 <sup>7</sup>	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
Lignosulfonic acid, calcium salt	(CAS No) 8061-52-7	≤ 2.5 <sup>8</sup>	Not classified
Silica, vitreous	(CAS No) 60676-86-0	≤ 2.5 <sup>9</sup>	Not classified

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Name	Product identifier	%	GHS-US classification
Calcium oxide	(CAS No) 1305-78-8	0.1 - 2.5 <sup>14</sup>	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Flue dust, portland cement	(CAS No) 68475-76-3	0.1 - 2 <sup>14</sup>	Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335
Titanium dioxide	(CAS No) 13463-67-7	2 <sup>10</sup>	Acute Tox. 4 (Inhalation), H332 Carc. 2, H351
Glass, oxide, chemicals	(CAS No) 65997-17-3	0.1 - 1.5 <sup>11</sup>	Carc. 2, H351
Lithium carbonate	(CAS No) 554-13-2	< 0.1 <sup>1</sup>	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Repr. 1B, H360 STOT SE 3, H335 STOT RE 1, H372
Acetaldehyde	(CAS No) 75-07-0	< 0.1 <sup>13</sup>	Acute Tox. 4 (Oral), H302 Carc. 1A, H350
Methyl alcohol	(CAS No) 67-56-1	< 0.1 <sup>12</sup>	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Eye Irrit. 2B, H320 STOT SE 1, H370

<sup>1</sup> Quick Set Mortar - Grey

<sup>2</sup> Fast Patch Grey; Fast-Setting Concrete Mix; Rapid Set Concrete Mix; Rapid Set Mortar Mix; Rapid Set Cement All

<sup>3</sup> Fast-Setting Concrete Mix; 1-Kote Premix Stucco

<sup>4</sup> Wall Tite Sanded Grey; Wall Tite Sanded White; White Surface Bonding Cement; Gray Surface Bonding Cement; 1-Kote Premix Stucco; Finish Stucco Coarse Grey Natural; Finish Stucco Fine Grey Natural; Foam Gard White; Foam Gard Gray; Brick Set Cameron; Foundation Plaster; Brick Set Grey; Tile Mortar; Pro Mix Masonry Type N; Pro Mix Masonry Type S

<sup>5</sup> Foundation Plaster

<sup>6</sup> Wall Tite Sanded Grey; Wall Tite Sanded White; Finish Stucco Coarse Grey Natural; Finish Stucco Fine Grey Natural; Brick Set Cameron; Foundation Plaster; Brick Set Grey; Tile Mortar; 1-Kote Premix Stucco

<sup>7</sup> Brick Set Cameron; Brick Set Grey

<sup>8</sup> Wall Tite Sanded Grey; Wall Tite Sanded White; Finish Stucco Coarse Grey Natural; Finish Stucco Fine Grey Natural; Brick Set Cameron; Brick Set Grey

<sup>9</sup> Wall Tite Sanded Grey; Wall Tite Sanded White; Finish Stucco Coarse Grey Natural; Finish Stucco Fine Grey Natural; Brick Set Cameron; Brick Set Grey

<sup>10</sup> Wall Tite Sanded White

<sup>11</sup> White Surface Bonding Cement; Gray Surface Bonding Cement; Foam Gard White; Foam Gard Gray; 1-Kote Premix Stucco

<sup>12</sup> Fast Patch Grey; Quickset; Vinyl Concrete Patch

<sup>13</sup> Fast Patch Grey; Quickset Vinyl Concrete Patch; Foam Gard White; Foam Gard Gray

<sup>14</sup> Tile Mortar; Pro MultiPurpose Mortar - Grey; Quick Set Mortar - Grey; Brick Set Grey; Brick Set Cameron; Wall Tite Sanded Grey; Wall Tite Sanded White; Flexible Thin Set Mortar Grey; Finish Stucco Coarse Grey Natural; Finish Stucco Fine Grey Natural; Quickset; Vinyl Concrete Patch; Fast Patch Grey; Fast-Setting Concrete Mix; Foundation Plaster; 1-Kote Premix Stucco; Gray Surface Bonding Cement; White Surface Bonding Cement; Foam Gard Gray; Foam Gard White

<sup>15</sup> Tile Mortar; Pro MultiPurpose Mortar - Grey; Quick Set Mortar - Grey; Brick Set Grey; Brick Set Cameron; Wall Tite Sanded Grey; Wall Tite Sanded White; Flexible Thin Set Mortar Grey; Finish Stucco Coarse Grey Natural; Finish Stucco Fine Grey Natural; Quickset; Vinyl Concrete Patch; Fast Patch Grey; Fast-Setting Concrete Mix; Foundation Plaster; 1-Kote Premix Stucco; Gray Surface Bonding Cement; White Surface Bonding Cement; Foam Gard Gray; Foam Gard White; Pro Mix Masonry Type N; Pro Mix Masonry Type S

<sup>16</sup> Tile Mortar; Pro MultiPurpose Mortar - Grey; Quick Set Mortar - Grey; Brick Set Grey; Brick Set Cameron; Wall Tite Sanded Grey; Wall Tite Sanded White; Flexible Thin Set Mortar Grey; Finish Stucco Coarse Grey Natural; Finish Stucco Fine Grey Natural; Quickset; Vinyl Concrete Patch; Fast Patch Grey; Fast-Setting Concrete Mix; Foundation Plaster; Gray Surface Bonding Cement; White Surface Bonding Cement; Foam Gard Gray; Foam Gard White

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get immediate medical advice/attention.
- First-aid measures after skin contact : In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. Get immediate medical advice/attention.
- First-aid measures after eye contact : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice and attention.
- First-aid measures after ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : May cause respiratory tract irritation.
- Symptoms/injuries after skin contact : Causes severe skin burns. Symptoms may include redness, pain, blisters. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. May cause sensitisation by skin contact.
- Symptoms/injuries after eye contact : Causes serious eye damage. May cause burns. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

### 4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : Treat for surrounding material.

#### 5.2. Special hazards arising from the substance or mixture

Fire hazard : Product does not burn; however its packaging may. Products of combustion may include, and are not limited to: oxides of carbon.

#### 5.3. Advice for firefighters

Firefighting instructions : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid contact with skin and eyes.

#### 6.2. Methods and material for containment and cleaning up

For containment : Contain spill, then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Vacuum or sweep material and place in a disposal container. Provide ventilation.

#### 6.3. Reference to other sections

No additional information available.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Avoid generating and breathing dust. Do not swallow. Good housekeeping is important to prevent accumulation of dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. Handle and open container with care. When using do not eat, drink or smoke.

Hygiene measures : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area. Store to keep product dry until use. Store to prevent dust generation. Do not store in an area equipped with emergency water sprinklers. Clean up spilled material promptly.

#### 7.3. Specific end use(s)

No additional information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Quartz (14808-60-7)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.025 mg/m <sup>3</sup> (respirable fraction)
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	(30)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> (total dust) ; (250)/(%SiO <sub>2</sub> + 5) mppcf (respirable fraction) ; (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> (respirable fraction)
Cement, portland, chemicals (65997-15-1)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup> (respirable fraction)
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust) ; 5 mg/m <sup>3</sup> (respirable fraction)
Ashes, residues (68131-74-8)		
USA ACGIH	ACGIH TLV (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (as inhalable fraction, PNOS) ; 3 mg/m <sup>3</sup> (as respirable fraction, PNOS)
USA OSHA	OSHA PEL (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (as total dust, PNOR) ; 5 mg/m <sup>3</sup> (as respirable fraction, PNOR)
Magnesium oxide (MgO) (1309-48-4)		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (inhalable fraction)
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (fume, total particulate)
Limestone (1317-65-3)		
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust) ; 5 mg/m <sup>3</sup> (respirable fraction)

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<b>Calcium hydroxide (1305-62-0)</b>		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust) ; 5 mg/m <sup>3</sup> (respirable fraction)
<b>Gypsum (Ca(SO<sub>4</sub>).2H<sub>2</sub>O) (13397-24-5)</b>		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (inhalable fraction)
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust) ; 5 mg/m <sup>3</sup> (respirable fraction)
<b>Silica, vitreous (60676-86-0)</b>		
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	(80)/(% SiO <sub>2</sub> ) mg/m <sup>3</sup> ; 20 mppcf
<b>Calcium oxide (1305-78-8)</b>		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
<b>Flue dust, portland cement (68475-76-3)</b>		
USA ACGIH	ACGIH TLV (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> (as inhalable fraction, PNOS) ; 3 mg/m <sup>3</sup> (as respirable fraction, PNOS)
USA OSHA	OSHA PEL (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (as total dust, PNOR) ; 5 mg/m <sup>3</sup> (as respirable fraction, PNOR)
<b>Titanium dioxide (13463-67-7)</b>		
USA ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup> (total dust)
<b>Acetaldehyde (75-07-0)</b>		
USA ACGIH	ACGIH Ceiling (ppm)	25 ppm
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	360 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm
<b>Acetaldehyde (75-07-0)</b>		
USA ACGIH	ACGIH Ceiling (ppm)	25 ppm
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	360 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm
<b>Methyl alcohol (67-56-1)</b>		
USA ACGIH	ACGIH TWA (ppm)	200 ppm
USA ACGIH	ACGIH STEL (ppm)	250 ppm
USA OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	260 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) (ppm)	200 ppm

### 8.2. Exposure controls

Appropriate engineering controls	: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
Hand protection	: Wear suitable gloves.
Eye protection	: Wear approved eye protection (properly fitted dust- or splash-proof chemical safety goggles) and face protection (face shield).
Skin and body protection	: Wear suitable clothing common to do-it-yourself projects.
Respiratory protection	: A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).
Environmental exposure controls	: Maintain levels below Community environmental protection thresholds.
Other information	: Handle according to established industrial hygiene and safety practices.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid.
Appearance	: Sandy Powder to Granular Material.

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Colour	: Various.
Odour	: No odour.
Odour threshold	: No data available.
pH	: 10 - 12 (Highly alkaline when wet.)
Relative evaporation rate (butylacetate=1)	: No data available.
Melting point	: No data available.
Freezing point	: No data available.
Boiling point	: Not applicable
Flash point	: Not applicable
Self ignition temperature	: No data available.
Decomposition temperature	: No data available.
Flammability (solid, gas)	: Not flammable.
Vapour pressure	: No data available.
Relative vapour density at 20 °C	: No data available.
Relative density	: 0.9 - 3.2
Solubility	: No data available.
Log Pow	: No data available.
Log Kow	: No data available.
Viscosity, kinematic	: Not applicable.
Viscosity, dynamic	: Not applicable.
Explosive properties	: No data available.
Oxidising properties	: No data available.
Explosive limits	: No data available.

### 9.2. Other information

VOC content : No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use. An alkali reaction from components of portland cement will corrode aluminum.

### 10.2. Chemical stability

Stable under normal storage conditions. Keep dry in storage.

### 10.3. Possibility of hazardous reactions

Strong acids may cause violent, exothermic reaction, evolve toxic gases. Do not mix with other chemicals.

### 10.4. Conditions to avoid

Moisture – product must be kept dry until ready to use.

### 10.5. Incompatible materials

Strong acids may cause violent, exothermic reaction, evolve toxic gases.

### 10.6. Hazardous decomposition products

None known.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified.

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LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	No data available.
LC50 inhalation rat	No data available.
Ashes, residues (68131-74-8)	
LD50 oral rat	> 2000 mg/kg
Magnesium oxide (MgO) (1309-48-4)	
LD50 oral rat	>5000 mg/kg
Limestone (1317-65-3)	
LD50 oral rat	6450 mg/kg
Calcium hydroxide (1305-62-0)	
LD50 oral rat	7340 mg/kg



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<b>Magnesium hydroxide (1309-42-8)</b>	
LD50 oral rat	8500 mg/kg

<b>Calcium oxide (1305-78-8)</b>	
LD50 oral rat	> 2000 mg/kg

<b>Flue dust, portland cement (68475-76-3)</b>	
LD50 oral rat	>1848 mg/kg, rat
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	>6.04 mg/l/4h

<b>Titanium dioxide (13463-67-7)</b>	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	>10000 mg/kg

<b>Lithium carbonate (554-13-2)</b>	
LD50 oral rat	525 mg/kg
LC50 inhalation rat	> 2.17 mg/l/4h

<b>Acetaldehyde (75-07-0)</b>	
LD50 oral rat	1930 mg/kg
LC50 inhalation rat	13300 ppm/4h

<b>Methyl alcohol (67-56-1)</b>	
LD50 oral rat	5628 mg/kg
LD50 dermal rabbit	15800 mg/kg
LC50 inhalation rat	83.2 mg/l/4h

Skin corrosion/irritation	: Causes severe skin burns.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: May cause cancer.

<b>Quartz (14808-60-7)</b>	
IARC group	1 - Carcinogenic to humans
National Toxicity Program (NTP) Status	2 - Known Human Carcinogens

<b>Silica, vitreous (60676-86-0)</b>	
IARC group	3 - Not classifiable

<b>Titanium dioxide (13463-67-7)</b>	
IARC group	2B - Possibly carcinogenic to humans

<b>Acetaldehyde (75-07-0)</b>	
IARC group	1 - Carcinogenic to humans, 2B - Possibly carcinogenic to humans
National Toxicity Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

Reproductive toxicity	: Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Causes damage to lungs through prolonged or repeated exposure. (Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.)
Aspiration hazard	: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	: May cause respiratory tract irritation.
Symptoms/injuries after skin contact	: Causes severe skin burns. Symptoms may include redness, pain, blisters. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. May cause sensitisation by skin contact.
Symptoms/injuries after eye contact	: Causes serious eye damage. May cause burns. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/injuries after ingestion	: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

# Repair & Construction Related Products

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : No ecological consideration when used according to directions. Do not flush to sewer or allow to enter waterways.

#### 12.2. Persistence and degradability

##### Repair & Construction Related Products

Persistence and degradability	No data available.
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#### 12.3. Bioaccumulative potential

##### Repair & Construction Related Products

Bioaccumulative potential	No data available.
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#### 12.4. Mobility in soil

##### Repair & Construction Related Products

Ecology - soil	No data available.
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#### 12.5. Other adverse effects

Other adverse effects : No data available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

### SECTION 14: Transport information

In accordance with DOT

Not regulated for transport.

#### Additional information

Other information : No supplementary information available.

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

Calcium Sulfoaluminate Cement	CAS No 960375-09-1
Gypsum (Ca(SO <sub>4</sub> ).2H <sub>2</sub> O)	CAS No 13397-24-5

#### Lithium carbonate (554-13-2)

Listed on SARA Section 313 (Specific toxic chemical listings)

SARA Section 313 - Emission Reporting	1.0 %
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#### Acetaldehyde (75-07-0)

Listed on SARA Section 313 (Specific toxic chemical listings)

EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.
SARA Section 313 - Emission Reporting	0.1 %

#### Methyl alcohol (67-56-1)

Listed on SARA Section 313 (Specific toxic chemical listings)

SARA Section 313 - Emission Reporting	1.0 %
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#### 15.3. US State regulations

##### Repair & Construction Related Products

State or local regulations	This product contains Crystalline Silica, Quartz and may also contain trace amounts of other chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
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### SECTION 16: Other information

Date of issue : 06/25/2014

Revision date : 01/22/2015

Version : 1.2

Data sources : SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

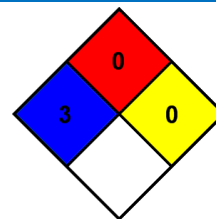


# Repair & Construction Related Products

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012.

- NFPA health hazard : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
- NFPA fire hazard : 0 - Materials that will not burn.
- NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



*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*