

Conforms to OSHA HazCom 2012 Standard and WHMIS

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# SAFETY DATA SHEET

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## Section 1: IDENTIFICATION

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### 1.1 PRODUCT IDENTIFIER

**Product Name:** ReliaBond® Professional Tile Adhesive

**Product Code:** Not Available

### 1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

**Product Use:** Ceramic Tile Adhesive

### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEETS

**Name/Address:** Custom Building Products  
3490 Piedmont Road, Suite 1300  
Atlanta, GA 30305

**Telephone Number:** (562)-598-8808

### 1.4 EMERGENCY TELEPHONE NUMBER

**Emergency Telephone Number:** INFOTRAC 1-800-535-5053 (US and Canada)  
INTERNATIONAL + 1-352-323-3500

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## Section 2: HAZARD(S) IDENTIFICATION

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### 2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR

1910.1200 (OSHA HAZCOM2012)

<b>Carcinogenicity</b>	<b>Category 1A</b>
<b>STOT-RE</b>	<b>Category 2</b>

### 2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

**2.2a SIGNAL WORD:**  
DANGER!

**2.2b HAZARD STATEMENTS**  
May cause cancer  
Causes damage to organs through prolonged or repeated exposure

**2.2c HAZARD PICTOGRAMS**



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### 2.2d PRECAUTIONARY STATEMENTS

<b>i. PREVENTION</b>	Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. 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.
<b>ii. RESPONSE</b>	If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: call a poison center/doctor. If exposed or concerned: get medical advice/attention.
<b>iii. STORAGE</b>	Store locked up. Store in a well-ventilated place. Keep container tightly closed.
<b>iv. DISPOSAL</b>	Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations.

### 2.3 ADDITIONAL INFORMATION

**2.3a HNOC – HAZARDS NOT OTHERWISE CLASSIFIED**  
Not applicable

**2.3b UNKNOWN ACUTE TOXICITY**  
3.8% of the mixture consists of ingredient(s) of unknown acute toxicity.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 MIXTURES

Calcium Carbonate	1317-65-3	40 – 70%*
Ethylene Glycol	107-21-1	1 – 5%*
Petroleum Distillates	64742-88-7 / 64742-47-8	0.5 – 1.5%*
Crystalline Silica, Quartz	14808-60-7	0.1 – 1%*

\*Means that the component will fall into one the ranges specified due to batch-to-batch variability.

## Section 4: FIRST-AID MEASURES

### 4.1 DESCRIPTION OF THE FIRST-AID MEASURES

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<b>Eye Contact:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
<b>Skin Contact:</b>	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
<b>Inhalation:</b>	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
<b>Ingestion:</b>	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

### 4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

<b>Eye Contact:</b>	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
<b>Skin Contact:</b>	May cause skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis.
<b>Inhalation:</b>	May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica from this product can cause silicosis, a serious disabling and fatal lung disease.
<b>Ingestion:</b>	May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

### 4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Not applicable

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## Section 5: FIRE-FIGHTING MEASURES

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### 5.1 FLAMMABILITY

**Flammability:** Not Flammable by WHMIS/OSHA HAZCOM2012 Criteria

### 5.2 EXTINGUISHING MEDIA

**5.2a. Suitable Extinguishing Media:**

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Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**5.2b. Unsuitable Extinguishing Media:**

CAUTION: Use of water spray when fighting fire may be inefficient

### 5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

**5.3a. Products of Combustion:**

May include, and are not limited to: oxides of carbon

**5.3b. Explosion Data**

**i. Sensitivity to Mechanical Impact:**

Not available.

**ii. Sensitivity to Static Discharge:**

Not available.

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### Section 6: ACCIDENTAL RELEASE MEASURES

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#### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

#### 6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

**Methods for Containment:** Prevent further leakage or spillage if safe to do so. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

**Methods for Cleaning-Up:** Pick up and transfer to properly labeled containers

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### Section 7: HANDLING AND STORAGE

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#### 7.1 PRECAUTIONS FOR SAFE HANDLING

**Handling:** Use in well-ventilated areas. Wear chemical resistant gloves and eye protection. Do not mix with other chemical products, except as indicated by the manufacturers. Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes. Do not take internally.

**General Hygiene Advice:** Use good industrial hygiene practices and wear recommended personal protection. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

#### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Storage:** Keep out of the reach of children. Keep container tightly closed.

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Store locked up. Store at room temperature and keep containers closed when not in use.

### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 CONTROL PARAMETER Exposure Guidelines

Occupational Exposure Limits		
Chemical Name	OSHA-PEL	ACGIH-TLV
Calcium Carbonate	5 mg/m <sup>3</sup> (Resp.) 15 mg/m <sup>3</sup> (Total)	5 mg/m <sup>3</sup> (Resp.)
Ethylene Glycol	50 ppm	50 ppm
Petroleum Distillates	200 mg/m <sup>3</sup>	200 mg/m <sup>3</sup>
Crystalline Silica, Quartz	0.1 mg/m <sup>3</sup>	0.025 mg/m <sup>3</sup>

dust, fume, vapor, etc.) below recommended exposure limits.

#### 8.3 INDIVIDUAL PROTECTION MEASURES

##### 8.3a. Personal Protective Equipment:

- i. **Eye/Face Protection:** Wear approved eye protection [properly fitted dust- or splash-proof chemical safety goggles/face (face shield)]
- ii. **Skin Protection:**
  1. **Hand Protection:** Wear chemical resistant gloves.
  2. **Body Protection:** Wear suitable protective clothing
- iii. **Respiratory Protection:** A NIOSH approved dust mask or filtering face piece 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).
- iv. **General Health and Safety Measures:** Handle according to established industrial hygiene and safety practices.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	White Paste
Odor:	Latex
Odor Threshold:	Not available

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<b>pH:</b>	8.75 – 9.50
<b>Melting point/Freezing point:</b>	Not available
<b>Initial boiling point and boiling range:</b>	Not available
<b>Flash point:</b>	Not available
<b>Evaporation rate (Water=1):</b>	Not available
<b>Flammability:</b>	Not flammable
<b>Upper Flammability/Explosive Limit:</b>	Not available
<b>Lower Flammability/Explosive Limit:</b>	Not available
<b>Vapor Pressure</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Relative Density:</b>	1.39 – 1.44 g/mL
<b>Solubility in Water:</b>	Slightly Soluble
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity (cps):</b>	Not available
<b>VOC Content:</b>	60 g/L

### Section 10: STABILITY AND REACTIVITY

**10.1. REACTIVITY**

No dangerous reaction known under conditions of normal use.

**10.2. CHEMICAL STABILITY**

Stable under recommended storage conditions

**10.3. POSSIBILITY OF HAZARDOUS REACTION**

No dangerous reaction known under conditions of normal use.

**10.4. CONDITIONS TO AVOID**

Non-available

**10.5. INCOMPATIBLE MATERIALS**

Non-available

**10.6. HAZARDOUS DECOMPOSITION PRODUCTS**

Upon decomposition, this product may yield oxides of carbon.

### Section 11: TOXICOLOGICAL INFORMATION

**11.1. LIKELY ROUTES OF EXPOSURE:**

Skin contact, skin absorption, eye contact, inhalation, and ingestion.

**11.2. SYMPTOMS RELATED TO PHYSICAL/CHEMICAL/TOXICOLOGICAL CHARACTERISTICS:**

**Eye Contact:** May cause eye irritation. Symptoms may include discomfort or pain,

## SAFETY DATA SHEET

excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Skin Contact:** May cause skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis.

**Inhalation:** May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica from this product can cause silicosis, a serious disabling and fatal lung disease.

**Ingestion:** May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

<b>Acute Toxicity</b>		
Total ATE mix (oral) = 6450 mg/kg		
Chemical Name	LC50	LD50
Calcium Carbonate	Not available	Oral: > 5,000 mg/kg, rat
Ethylene Glycol	Inhalation: >2.5 mg/L, rat	Oral: 4,700 mg/kg, rat
Petroleum Distillates	Inhalation: > 5000ppm, rat	Oral: > 5,000 mg/kg, rat
Crystalline Silica, Quartz	Not available	Not available

<b>Carcinogenicity</b>	
Chemical Name	Chemical Listed as Carcinogens or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)
Calcium Carbonate	Not Listed
Ethylene Glycol	G-A4
Petroleum Distillates	Not Listed
Crystalline Silica, Quartz	N-A2, I-1, O-1, ACGIH-A2, CP65

### 11.3. DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

<b>SHORT-TERM</b>	
<b>Skin Corrosion/Irritation:</b>	May cause skin irritation
<b>Serious Eye Damage/Irritation:</b>	May cause eye irritation
<b>Respiratory Sensitization:</b>	Not available
<b>Skin Sensitization:</b>	Not available
<b>STOT-Single Exposure:</b>	Not available
<b>Aspiration Hazard:</b>	Not available
<b>LONG-TERM</b>	
<b>Carcinogenicity:</b>	May cause cancer
<b>Germ Cell Mutagenicity:</b>	Not available
<b>Reproductive Toxicity:</b>	Not available
<b>STOT-Repeated Exposure:</b>	Causes damage to organs through prolonged or repeated exposure
<b>Synergistic/Antagonistic Effects:</b>	Not available

Conforms to OSHA HazCom 2012 Standard and WHMIS

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### Section 12: ECOLOGICAL INFORMATION

**12.1. ECOTOXICITY**

May cause long-term, adverse effects to the aquatic environment. Keep from entry into sewers and waterways.

Ecotoxicity		
Chemical Name	EC50/NOEC-48 Hours	LC50/NOEC-96 Hours
Calcium Carbonate	Not available	Not available
Ethylene Glycol	Not available	Not available
Petroleum Distillates	Not available	Not available
Crystalline Silica, Quartz	Not available	Not available

**12.2. PERSISTENCE AND DEGRADABILITY**

Not available

**12.4. MOBILITY IN SOIL**

Not available

**12.5. OTHER ADVERSE EFFECTS**

Not available

### Section 13: DISPOSAL CONSIDERATIONS

**13.1. DISPOSAL METHOD**

Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations

**13.2. OTHER DISPOSAL CONSIDERATIONS**

Not available

### Section 14: TRANSPORT INFORMATION

<b>UN NUMBER:</b>	<b>UN NUMBER:</b>
Not regulated	Not regulated
<b>UN PROPER SHIPPING NAME:</b>	<b>UN PROPER SHIPPING NAME:</b>
Not regulated	Not regulated
<b>TRANSPORT HAZARD CLASS (ES):</b>	<b>TRANSPORT HAZARD CLASS (ES):</b>



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Not regulated	Not regulated
<b>PACKING GROUP (if applicable):</b>	<b>PACKING GROUP (if applicable):</b>
Not regulated	Not regulated

**SUMMARY:** Product is not regulated under DOT/TDG and other transportation regulations.

**14.1. ENVIRONMENTAL HAZARDS**

Not available

**14.2. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE**

Not available

**14.3. SPECIAL PRECAUTIONS FOR USER**

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

### Section 15: REGULATORY INFORMATION

**15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL**

**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.

**US:** SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

**15.2. US FEDERAL INFORMATION:**

Calcium Carbonate	Not Listed	Not Listed	Not Listed	Not Listed
Ethylene Glycol	Not Listed	Not Listed	5,000	313
Petroleum Distillates	Not Listed	Not Listed	Not Listed	Not Listed
Crystalline Silica, Quartz	Not Listed	Not Listed	Not Listed	Not Listed

**15.3. US STATE RIGHT TO KNOW LAWS:**

<b>California Proposition 65:</b>	<b>WARNING!</b> This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm
<b>Other U.S. States "Right to Know" Lists:</b>	
<b>New Jersey:</b>	Calcium Carbonate: <b>CAS#1317-65-3</b> Ethylene Glycol: <b>CAS#107-21-1</b> Petroleum Distillate: <b>CAS#64742-88-7</b> Petroleum Distillate: <b>CAS#64742-47-8</b>

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	Silica, Quartz: CAS#14808-60-7
<b>Pennsylvania:</b>	Calcium Carbonate: CAS#1317-65-3 Ethylene Glycol: CAS#107-21-1 Petroleum Distillate: CAS#64742-88-7 Petroleum Distillate: CAS#64742-47-8 Silica, Quartz: CAS#14808-60-7
<b>Massachusetts:</b>	Calcium Carbonate: CAS#1317-65-3 Ethylene Glycol: CAS#107-21-1 Petroleum Distillate: CAS#64742-88-7 Petroleum Distillate: CAS#64742-47-8 Silica, Quartz: CAS#14808-60-7
<b>Minnesota:</b>	Calcium Carbonate: CAS#1317-65-3 Ethylene Glycol: CAS#107-21-1 Petroleum Distillate: CAS#64742-88-7 Petroleum Distillate: CAS#64742-47-8 Silica, Quartz: CAS#14808-60-7
<b>Florida:</b>	Not Available
<b>Michigan:</b>	Not Available

### 15.4. GLOBAL INVENTORIES

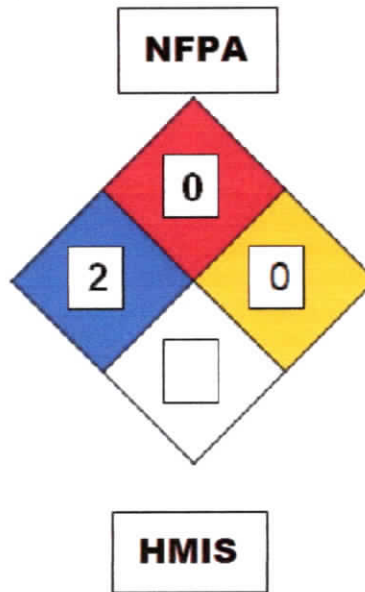
GLOBAL INVENTORIES		
Calcium Carbonate	Yes	NDSL(*)
Ethylene Glycol	Yes	DSL
Petroleum Distillates	Yes	DSL
Crystalline Silica, Quartz	Yes	DSL

\*Exemption: Natural occurring chemical

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### 15.5. NFPA AND HMIS RATINGS:

<p style="text-align: center;"><b>HEALTH HAZARD</b></p> <p><b>4</b> EXTREME - Highly toxic. May be fatal on short-term exposure.</p> <p><b>3</b> SERIOUS - Toxic. Full protective suit and breathing apparatus should be worn.</p> <p><b>2</b> MODERATE - Breathing apparatus and face mask must be worn.</p> <p><b>1</b> SLIGHT - Breathing apparatus may be worn.</p> <p><b>0</b> MINIMAL - No precautions necessary.</p>	<p style="text-align: center;"><b>FLAMMABILITY HAZARD</b></p> <p><b>4</b> EXTREME - Extremely flammable gas or liquid. Flash Point below 23°F.</p> <p><b>3</b> SERIOUS - Flammable. Flash Point 23°F to 100°F.</p> <p><b>2</b> MODERATE - Combustible. Requires moderate heating to ignite. Flash Point above 100°F.</p> <p><b>1</b> SLIGHT - Highly combustible. Requires strong heating to ignite.</p> <p><b>0</b> MINIMAL - Will not burn under normal conditions.</p>
<p style="text-align: center;"><b>SPECIFIC HAZARD</b></p> <p>OXIDIZER <b>OXY</b></p> <p>ACID <b>ACID</b></p> <p>ALKALI <b>ALK</b></p> <p>CORROSIVE <b>CCR</b></p> <p>Use NO WATER <b>W</b></p> <p>RADIATION <b>R</b></p>	<p style="text-align: center;"><b>INSTABILITY HAZARD</b></p> <p><b>4</b> EXTREME - Explosive at room temperature.</p> <p><b>3</b> SERIOUS - May detonate if shocked or heated under confinement or mixed with water.</p> <p><b>2</b> MODERATE - Unstable. May react with water.</p> <p><b>1</b> SLIGHT - May react if heated or mixed with water.</p> <p><b>0</b> MINIMAL - Normally stable. Does not react with water.</p>



Hazard Index	
<b>4</b>	<b>Severe Hazard</b>
<b>3</b>	<b>Serious Hazard</b>
<b>2</b>	<b>Moderate Hazard</b>
<b>1</b>	<b>Slight Hazard</b>

<p><b>2</b> HEALTH</p> <p><b>0</b> FLAMMABILITY</p> <p><b>0</b> REACTIVITY</p> <p><b>0</b> PERSONAL PROTECTION</p> <p><b>B</b></p>	<p><b>PROTECTIVE EQUIPMENT INDEX</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>A</b> </td> <td style="width: 50%;"><b>G</b> </td> </tr> <tr> <td><b>B</b> </td> <td><b>H</b> </td> </tr> <tr> <td><b>C</b> </td> <td><b>I</b> </td> </tr> <tr> <td><b>D</b> </td> <td><b>J</b> </td> </tr> <tr> <td><b>E</b> </td> <td><b>K</b> </td> </tr> <tr> <td><b>F</b> </td> <td><b>X</b> Ask your supervisor for special handling instructions.</td> </tr> </table>	<b>A</b>	<b>G</b>	<b>B</b>	<b>H</b>	<b>C</b>	<b>I</b>	<b>D</b>	<b>J</b>	<b>E</b>	<b>K</b>	<b>F</b>	<b>X</b> Ask your supervisor for special handling instructions.
<b>A</b>	<b>G</b>												
<b>B</b>	<b>H</b>												
<b>C</b>	<b>I</b>												
<b>D</b>	<b>J</b>												
<b>E</b>	<b>K</b>												
<b>F</b>	<b>X</b> Ask your supervisor for special handling instructions.												

### 15.6. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

<b>CP65</b>	California Proposition 65
<b>OSHA (O)</b>	Occupational Safety and Health Administration
<b>ACGIH (G)</b>	American Conference of Governmental Industrial Hygienists <ul style="list-style-type: none"> <li>A1 – Confirmed human carcinogen</li> <li>A2 – Suspected human carcinogen</li> <li>A3 – Animal carcinogen</li> <li>A4 – Not classifiable as a human carcinogen</li> <li>A5 – Not suspected a human carcinogen</li> </ul>
<b>IARC (I)</b>	International Agency for Research on Cancer <ul style="list-style-type: none"> <li>1 – The agent (mixture) is carcinogenic to humans</li> </ul>

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	<ul style="list-style-type: none"> <li>• 2A – The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.</li> <li>• 2B – The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.</li> <li>• 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.</li> <li>• 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.</li> </ul>
<b>NTP (N)</b>	National Toxicology Program <ul style="list-style-type: none"> <li>• 1 – Known to be carcinogens</li> <li>• 2 – Reasonably anticipated to be carcinogens</li> </ul>

### Section 16: OTHER INFORMATION

**Date of Preparation:** September 16, 2014

**Version:** 2.0

**Revision Date:** June 17, 2016

**Disclaimer:** The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

**Prepared by:** Custom Building Products  
 Phone: (562)-968-2980  
[www.custombuildingproducts.com](http://www.custombuildingproducts.com)

## End of Safety Data Sheet



# SAFETY DATA SHEET

## Section 1: IDENTIFICATION

### 1.1 PRODUCT IDENTIFIER

**Product Name:** Prism® SureColor® Stain Resistant Grout

**Product Code:** Not Available

### 1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

**Product Use:** Grout

### 1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEETS

**Name/Address:** Custom Building Products  
13001 Seal Beach Blvd.  
Seal Beach, CA 90740

**Telephone Number:** (562)-598-8808

### 1.4 EMERGENCY TELEPHONE NUMBER

**Emergency Telephone Number:** INFOTRAC 1-800-535-5053 (US and Canada)  
INTERNATIONAL + 1-352-323-3500

## Section 2: HAZARD(S) IDENTIFICATION

### 2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR

1910.1200 (OSHA HAZCOM2012)

Skin Irritation	Category 2
Eye Irritation	Category 2A
STOT-SE	Category 3
STOT-RE	Category 1
Carcinogenicity	Category 1A
Reproductive Toxicity	Category 1B
Respiratory Sensitization	Category 1 <sup>1</sup>
Skin Sensitization	Category 1 <sup>1</sup>

<sup>1</sup> Prism SureColor Grout – Only the following colors contain cobalt compounds which is a known respiratory and skin sensitizer.

- #190 Bayleaf
- #387 Captains Blue
- #415 Concorde Grape
- #389 N Sea Green



# SAFETY DATA SHEET

## 2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

**2.2a SIGNAL WORD:**  
DANGER!

**2.2b HAZARD STATEMENTS**  
Causes skin irritation  
Causes serious eye irritation  
May cause respiratory irritation  
Causes damage to organs through prolonged or repeated exposure  
May cause cancer  
May damage fertility or the unborn child  
May cause allergy or asthma symptoms or breathing difficulties if inhaled<sup>1</sup>  
May cause an allergic skin reaction<sup>1</sup>

<sup>1</sup> See Footnote on page 1 under Section 2.1

**2.2c HAZARD PICTOGRAMS**



**2.2d PRECAUTIONARY STATEMENTS**

<b>i. PREVENTION</b>	Wash hands thoroughly after handling. Do not breathe dust/fume/gas/mist/ vapors/spray. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. 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. Contaminated work clothing must not be allowed out of the workplace.
<b>ii. RESPONSE</b>	If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center/doctor. If exposed or concerned: Get medical advice/attention.
<b>iii. STORAGE</b>	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
<b>iv. DISPOSAL</b>	Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations.



# SAFETY DATA SHEET

## 2.3 ADDITIONAL INFORMATION

### 2.3a HNOC – HAZARDS NOT OTHERWISE CLASSIFIED

Not applicable

### 2.3b UNKNOWN ACUTE TOXICITY

54% of the mixture consists of ingredient(s) of unknown acute toxicity.

### 2.3c WHMIS CLASSIFICATION

Class D2B – Skin/Eye Irritant

Class D2A – Chronic Toxic Effects

Class D2A - Carcinogenicity

### 2.3d LABEL ELEMENTS ACCORDING TO WHMIS

#### i. WHMIS HAZARD SYMBOLS



#### ii. WHMIS SIGNAL WORD

WARNING!

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 MIXTURES

Chemical Name	CAS Number	Weight %
Cement, Alumina, Chemicals	65997-16-2	30 – 60%
Crystalline Silica, Quartz	14808-60-7	15 – 40%
Glass, oxide	65997-17-3	10 – 30%
Gypsum	10101-41-4	3 – 7%
Coal Ash	68131-74-8	1 – 5%
Portland cement	65997-15-1	1 – 5%
Lithium carbonate	554-13-2	0.5 – 1.5%
Carbon Black <sup>2</sup>	1333-86-4	1 – 5%
Iron Oxide Red	1309-37-1	1 – 5%
Cobalt Compounds <sup>1</sup>	7440-48-4	0.1 – 1.0%

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

<sup>1</sup> Prism SureColor Grout – Only the following colors contain cobalt compounds which is a known respiratory and skin sensitizer.

- #190 Bayleaf
- #387 Captains Blue
- #415 Concorde Grape
- #389 N Sea Green



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<sup>2</sup> Prism SureColor Grout – Only #60 Charcoal contains carbon black.

## Section 4: FIRST-AID MEASURES

### 4.1 DESCRIPTION OF THE FIRST-AID MEASURES

ROUTES OF EXPOSURE	DESCRIPTION
<b>Eye Contact:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
<b>Skin Contact:</b>	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
<b>Inhalation:</b>	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
<b>Ingestion:</b>	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

### 4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

ROUTES OF EXPOSURE	DESCRIPTION
<b>Eye Contact:</b>	Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
<b>Skin Contact:</b>	Causes skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis. May cause an allergic skin reaction <sup>1</sup> .
<b>Inhalation:</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled <sup>1</sup> . May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica from this product can cause silicosis, a serious disabling and fatal lung disease. Please see section 4.3 for further information.
<b>Ingestion:</b>	May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

<sup>1</sup> See Footnote on page 1 under Section 2.1





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### 4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

**Note to Physicians:**

The three types of silicosis include:

- Simple chronic silicosis – which results from long-term exposure (more than 20 years) to low amounts of respirable crystalline silica. Nodules of chronic inflammation and scarring provoked by the respirable crystalline silica form in the lungs and chest lymph nodes. This disease may feature breathlessness and may resemble chronic obstructive pulmonary disease (COPD).
- Accelerated silicosis – occurs after exposure to larger amounts of respirable crystalline silica over a shorter period of time (5-15 years). Inflammation, scarring, and symptoms progress faster in accelerated silicosis than in simple silicosis.
- Acute silicosis – results from short-term exposure to very large amounts of respirable crystalline silica. The lungs become very inflamed and may fill with fluid, causing severe shortness of breath and low blood oxygen levels.

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.

**Special Treatments:**

In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

## Section 5: FIRE-FIGHTING MEASURES

### 5.1 FLAMMABILITY

**Flammability:**

**Not Flammable by WHMIS/OSHA HAZCOM2012 Criteria**

### 5.2 EXTINGUISHING MEDIA

**5.2a. Suitable Extinguishing Media:**

Treat for surrounding material.

**5.2b. Unsuitable Extinguishing Media:**

Not available.

### 5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

**5.3a. Products of Combustion:**

May include, and are not limited to: oxides of carbon, cobalt, and Iron



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### 5.3b. Explosion Data

- i. **Sensitivity to Mechanical Impact:**  
Not available.
- ii. **Sensitivity to Static Discharge:**  
Not available.

### 5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

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

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## Section 6: ACCIDENTAL RELEASE MEASURES

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### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

### 6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

**Methods for Containment:** Recover all usable material. Pick up large pieces, 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. Dispose of unwanted material properly in accordance with all local, regional, national and international regulations.

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## Section 7: HANDLING AND STORAGE

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### 7.1 PRECAUTIONS FOR SAFE HANDLING

**Handling:** Use in well-ventilated areas. Wear chemical resistant gloves and eye protection. Do not mix with other chemical products. Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes. Do not take internally. Good housekeeping is important to prevent accumulation of dust.

To prevent burial or suffocation, do not enter a confined space, such as a silo, bin, bulk truck, or other storage container or vessel that stores or contains this product.

**General Hygiene Advice:** Use good industrial hygiene practices and wear recommended personal protection. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**Storage:** Keep out of the reach of children. Keep container tightly closed.



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Store at room temperature and keep containers closed when not in use. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area. Keep dry until use.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

#### Exposure Guidelines

Occupational Exposure Limits		
Chemical Name	OSHA-PEL	ACGIH-TLV
Cement, Alumina, Chemicals	Not available	Not available
Crystalline Silica, Quartz	0.1 mg/m <sup>3</sup>	0.025 mg/m <sup>3</sup>
Glass, oxide	15 mg/m <sup>3</sup> (total)	10 mg/m <sup>3</sup> (Total)
Gypsum	5 mg/m <sup>3</sup> (Resp.) 15 mg/m <sup>3</sup> (Total)	0.025 mg/m <sup>3</sup>
Coal Ash	Not available	Not available
Portland cement	5 mg/m <sup>3</sup> (Resp.) 15 mg/m <sup>3</sup> (Total)	10 mg/m <sup>3</sup> (Resp.)
Lithium carbonate	Not available	Not available
Carbon Black	3.5 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>
Iron Oxide Red	5 mg/m <sup>3</sup> (Fume)	5 mg/m <sup>3</sup> (Fume)
Cobalt Compounds	Not available	Not available

### 8.2 EXPOSURE CONTROLS

**Engineering Controls:** Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

### 8.3 INDIVIDUAL PROTECTION MEASURES

#### 8.3a. Personal Protective Equipment:

- i. **Eye/Face Protection:** Wear approved eye [properly fitted dust- or splash-proof chemical safety goggles/face (face shield)] protection
- ii. **Skin Protection:**
  1. **Hand Protection:** Wear chemical resistant gloves.
  2. **Body Protection:** Wear suitable protective clothing
- iii. **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).



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- iv. **General Health and Safety Measures:** Handle according to established industrial hygiene and safety practices.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance (physical state, color, etc.):</b>	Solid Powder (Various Colors)
<b>Odor:</b>	Not available
<b>Odor Threshold:</b>	Not available
<b>pH:</b>	~11 – 11.5
<b>Melting point/Freezing point:</b>	Not available
<b>Initial boiling point and boiling range:</b>	Not available
<b>Flash point:</b>	> 212°F
<b>Evaporation rate (Water=1):</b>	Not available
<b>Flammability:</b>	Not flammable
<b>Upper Flammability/Explosive Limit:</b>	Not available
<b>Lower Flammability/Explosive Limit:</b>	Not available
<b>Vapor Pressure</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Relative Density:</b>	1.56 – 1.62 (Wet Density)
<b>Solubility in Water:</b>	Slightly Soluble
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition Temperature:</b>	Not available
<b>Viscosity (cps):</b>	Not available
<b>VOC Content:</b>	0 g/L (0%)

## Section 10: STABILITY AND REACTIVITY

### 10.1. REACTIVITY

No dangerous reaction known under conditions of normal use.

### 10.2. CHEMICAL STABILITY

Stable under normal storage conditions. Keep dry in storage.

### 10.3. POSSIBILITY OF HAZARDOUS REACTION

Reacts with water to form alkaline solution (condition of normal use)

### 10.4. CONDITIONS TO AVOID

Heat. Incompatible materials.

### 10.5. INCOMPATIBLE MATERIALS

Acids, Aluminum, Ammonium salts, Alkali and alkaline earth metals.

### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Upon decomposition, this product may yield oxides of carbon, cobalt, and iron



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## Section 11: TOXICOLOGICAL INFORMATION

### 11.1. LIKELY ROUTES OF EXPOSURE:

Skin contact, skin absorption, eye contact, inhalation, and ingestion.

### 11.2. SYMPTOMS RELATED TO PHYSICAL/CHEMICAL/TOXICOLOGICAL CHARACTERISTICS:

**Eye Contact:** Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Skin Contact:** Causes skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis. May cause an allergic skin reaction<sup>1</sup>.

**Inhalation:** May cause allergy or asthma symptoms or breathing difficulties if inhaled<sup>1</sup>. May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica from this product can cause silicosis, a serious disabling and fatal lung disease. Please see section 4.3 for further information.

**Ingestion:** May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

<sup>1</sup> See Footnote on page 1 under Section 2.1

Acute Toxicity		
Chemical Name	LC50	LD50
Cement, Alumina, Chemicals	Not available	Oral: >2,000 mg/kg (Practically non-toxic)
Crystalline Silica, Quartz	Not available	Not available
Glass, oxide	Not available	Not available
Gypsum	Not available	Not available
Coal Ash	Not available	Not available
Portland cement	Not available	Not available
Lithium carbonate	>2 mg/L/4hrs	Dermal: >2,000 mg/kg Oral: 640 mg/kg
Carbon Black	Not available	Dermal: >3,000 mg/kg Oral: >8,000 mg/kg
Iron Oxide Red	Not available	Oral: >5,000 mg/kg
Cobalt compounds	<0.05 mg/L	Dermal: >2,000 mg/kg Oral: 550 mg/kg

Chemical Name	Chemical Listed as Carcinogens or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)
Cement, Alumina, Chemicals	Not Listed
Crystalline Silica, Quartz	N-A2, I-1, O-1, CP65



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Glass, oxide	N-2, I-2B, CP65
Gypsum	Not Listed
Coal Ash	Not Listed
Portland cement	Not Listed
Lithium carbonate	CP65
Carbon Black	I-2B, O, CP65, ACGIH-A3
Iron Oxide Red	I-3, ACGIH-A4
Cobalt compounds	I-2A/2B, CP65, ACGIH-A3,O

## 11.3. DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

SHORT-TERM	
<b>Skin Corrosion/Irritation:</b>	Causes skin irritation
<b>Serious Eye Damage/Irritation:</b>	Causes serious eye irritation
<b>Respiratory Sensitization:</b>	May cause allergy or asthma symptoms or breathing difficulties if inhaled <sup>1</sup>
<b>Skin Sensitization:</b>	May cause an allergic skin reaction <sup>1</sup>
<b>STOT-Single Exposure:</b>	May cause respiratory irritation
<b>Aspiration Hazard:</b>	Not available
LONG-TERM	
<b>Carcinogenicity:</b>	May cause cancer
<b>Germ Cell Mutagenicity:</b>	Not available
<b>Reproductive Toxicity:</b>	May damage fertility or the unborn child
<b>STOT-Repeated Exposure:</b>	Causes damage to organs through prolonged or repeated exposure
<b>Synergistic/Antagonistic Effects:</b>	Not available

<sup>1</sup> See Footnote on page 1 under Section 2.1

## Section 12: ECOLOGICAL INFORMATION

### 12.1. ECOTOXICITY

May cause long-term adverse effects to the aquatic environment. Keep from entry into sewers and waterways.

Ecotoxicity		
Chemical Name	EC50/NOEC-48 Hours	LC50/NOEC-96 Hours
Cement, Alumina, Chemicals	Not available	Not available
Crystalline Silica, Quartz	Not available	Not available
Glass, oxide	Not available	>1,000 mg/L Zebra fish
Gypsum	Not available	Not available
Coal Ash	LC50 > 100 mg/L Daphnia Magna	LC50: > 100 mg/L
Portland cement	Not available	Not available
Lithium carbonate	EC50 - 33.2 mg/L Daphnia Magna (No mortality)	LC50 - 30.3 mg/L NOEC - 19.1 mg/L
Carbon Black	EC50 - Daphnia magna (Water flea) - > 5,600 mg/l - 24 h	LC50 - > 1,000 mg/l - Zebra fish



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Iron Oxide Red	Not available	Not available
Cobalt compounds	Not available	Not available

## 12.2. PERSISTENCE AND DEGRADABILITY

Not available

## 12.3. BIOACCUMULATIVE POTENTIAL

Not available

## 12.4. MOBILITY IN SOIL

Not available

## 12.5. OTHER ADVERSE EFFECTS

Not available

## Section 13: DISPOSAL CONSIDERATIONS

### 13.1. DISPOSAL METHOD

Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations

### 13.2. OTHER DISPOSAL CONSIDERATIONS

Not available

## Section 14: TRANSPORT INFORMATION

DOT (U.S.)	TDG (CANADA)
<b>UN NUMBER:</b>  Not regulated	<b>UN NUMBER:</b>  Not regulated
<b>UN PROPER SHIPPING NAME:</b>  Not regulated	<b>UN PROPER SHIPPING NAME:</b>  Not regulated
<b>TRANSPORT HAZARD CLASS (ES):</b>  Not regulated	<b>TRANSPORT HAZARD CLASS (ES):</b>  Not regulated
<b>PACKING GROUP (if applicable):</b>  Not regulated	<b>PACKING GROUP (if applicable):</b>  Not regulated

**SUMMARY: Product is not regulated under DOT/TDG and other transportation regulations.**

### 14.1. ENVIRONMENTAL HAZARDS

Not available

### 14.2. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not available

### 14.3. SPECIAL PRECAUTIONS FOR USER

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



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## Section 15: REGULATORY INFORMATION

### 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE CHEMICAL

**Canada:** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**US:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

### 15.2. US FEDERAL INFORMATION:

**SARA TITLE III: Section 302,** Extremely Hazardous Substances, 40 CFR 355:

**SARA TITLE III: Section 311 and 312,** MSDS Requirements, 40 CFR 370 Hazard Classes: Fire Hazard; Immediate (Acute) Health Hazard; Chronic Health Hazard; Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds for the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

**SARA TITLE III: Section 313,** Toxic Chemicals Notification, 40 CFR 372: This product may be subject to SARA notification requirements if it contains Toxic Chemical Constituents above their de minimus concentrations.

**Clean Air Act – Not available**

SARA TITLE III				
CHEMICAL NAME	SECTION 302 (EHS) TPQ (LBS)	SECTION 304 EHS RQ (LBS)	CERCLA RQ (LBS)	SECTION 313 (TRI)
Cement, Alumina, Chemicals	Not Listed	Not Listed	Not Listed	Not Listed
Crystalline Silica, Quartz	Not Listed	Not Listed	Not Listed	Not Listed
Glass, oxide	Not Listed	Not Listed	Not Listed	Not Listed
Gypsum	Not Listed	Not Listed	Not Listed	Not Listed
Coal Ash	Not Listed	Not Listed	Not Listed	Not Listed
Portland cement	Not Listed	Not Listed	Not Listed	Not Listed
Lithium carbonate	Not Listed	Not Listed	Not Listed	Listed
Carbon Black	Not Listed	Not Listed	Not Listed	Not Listed
Iron Oxide Red	Not Listed	Not Listed	Not Listed	Not Listed
Cobalt compounds	Not Listed	Not Listed	&	Listed

"&" - Indicates that no RQ is assigned to this generic or broad class, although the class is a CERCLA hazardous substance. See 50 Federal Register 13456 (April 4, 1985).

### 15.3. US STATE RIGHT TO KNOW LAWS:

<b>California Proposition 65:</b>	<b>WARNING!</b> This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm (Crystalline Silica, Lithium Carbonate)
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Other U.S. States "Right to Know" Lists:	
<b>New Jersey:</b>	CEMENT, ALUMINA, CHEMICALS: CAS#65997-16-2 SILICA, QUARTZ: CAS#14808-60-7 GLASS, OXIDE: CAS#65997-17-3 GYPSUM (CALCIUM SULFATE): CAS#10101-41-4 COAL ASH: CAS#68131-74-8
<b>Pennsylvania:</b>	CEMENT, ALUMINA, CHEMICALS: CAS#65997-16-2 SILICA, QUARTZ: CAS#14808-60-7 GLASS, OXIDE: CAS#65997-17-3 GYPSUM (CALCIUM SULFATE): CAS#10101-41-4 COAL ASH: CAS#68131-74-8
<b>Massachusetts:</b>	QUARTZ: CAS#14808-60-7 PORTLAND CEMENT: CAS#65997-15-1 GYPSUM (CALCIUM SULFATE): CAS#10101-41-4 CARBON BLACK: CAS#1333-86-4 LITHIUM CARBONATE: CAS#554-13-2
<b>Minnesota:</b>	SILICA, QUARTZ: CAS#14808-60-7 PORTLAND CEMENT: CAS#65997-15-1 GYPSUM (CALCIUM SULFATE): CAS#7778-18-9 CARBON BLACK: CAS#1333-86-4
<b>Florida:</b>	Not Available
<b>Michigan:</b>	Not Available

**15.4. GLOBAL INVENTORIES**

Chemical Name	USA TSCA	Canada DSL/NDSL
Cement, Alumina, Chemicals	Yes	DSL
Crystalline Silica, Quartz	Yes	DSL
Glass, oxide	Yes	DSL
Gypsum	Yes	DSL
Coal Ash	Yes	DSL
Portland cement	Yes	DSL
Lithium carbonate	Yes	DSL
Carbon Black	Yes	DSL
Iron Oxide Red	Yes	DSL
Cobalt compounds	Yes	DSL

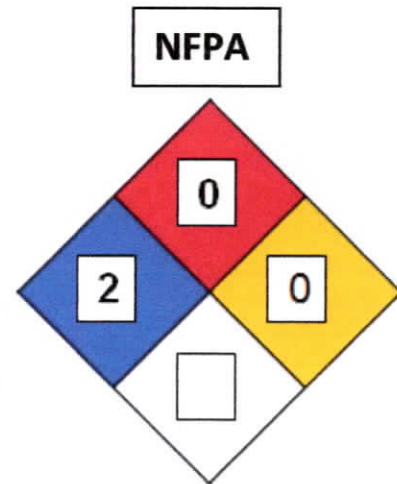


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## 15.5. NFPA AND HMIS RATINGS:

<p style="text-align: center; margin: 0;"><b>HEALTH HAZARD</b></p> <p><b>4</b> <b>EXTREME</b> - Highly toxic. May be fatal on short-term exposure.</p> <p><b>3</b> <b>SERIOUS</b> - Toxic. Full protective suit and breathing apparatus should be worn.</p> <p><b>2</b> <b>MODERATE</b> - Breathing apparatus and face mask must be worn.</p> <p><b>1</b> <b>SLIGHT</b> - Breathing apparatus may be worn.</p> <p><b>0</b> <b>MINIMAL</b> - No precautions necessary.</p>	<p style="text-align: center; margin: 0;"><b>FLAMMABILITY HAZARD</b></p> <p><b>4</b> <b>EXTREME</b> - Extremely flammable gas or liquid. Flash Point below 73°F.</p> <p><b>3</b> <b>SERIOUS</b> - Flammable. Flash Point 73°F to 100°F.</p> <p><b>2</b> <b>MODERATE</b> - Combustible. Requires moderate heating to ignite. Flash Point below 200°F.</p> <p><b>1</b> <b>SLIGHT</b> - Slightly combustible. Requires strong heating to ignite.</p> <p><b>0</b> <b>MINIMAL</b> - Will not burn under normal conditions.</p>
<p style="text-align: center; margin: 0;"><b>SPECIFIC HAZARD</b></p> <p>OXIDIZER <b>OXY</b></p> <p>ACID <b>ACID</b></p> <p>ALKALI <b>ALK</b></p> <p>CORROSIVE <b>COR</b></p> <p>Use NO WATER <b>W</b></p> <p>RADIATION <b>☼</b></p>	<p style="text-align: center; margin: 0;"><b>INSTABILITY HAZARD</b></p> <p><b>4</b> <b>EXTREME</b> - Explosive at room temperature.</p> <p><b>3</b> <b>SERIOUS</b> - May detonate if shocked or heated under confinement or mixed with water.</p> <p><b>2</b> <b>MODERATE</b> - Unstable. May react with water.</p> <p><b>1</b> <b>SLIGHT</b> - May react if heated or mixed with water.</p> <p><b>0</b> <b>MINIMAL</b> - Normally stable. Does not react with water.</p>

\*Chronic Hazard Indicator



**HMIS**

<b>2</b> <b>HEALTH</b>	<b>PROTECTIVE EQUIPMENT INDEX</b>	
<b>0</b> <b>FLAMMABILITY</b>	<b>A</b>	<b>G</b>
<b>0</b> <b>REACTIVITY</b>	<b>B</b>	<b>H</b>
<b>0</b> <b>PERSONAL PROTECTION</b>	<b>C</b>	<b>I</b>
<b>G</b>	<b>D</b>	<b>J</b>
	<b>E</b>	<b>K</b>
	<b>F</b>	<b>X</b> Ask your supervisor for special handling instructions

## 15.6. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

<b>CP65</b>	California Proposition 65
<b>OSHA (O)</b>	Occupational Safety and Health Administration
<b>ACGIH (G)</b>	American Conference of Governmental Industrial Hygienists <ul style="list-style-type: none"> <li>A1 – Confirmed human carcinogen</li> <li>A2 – Suspected human carcinogen</li> <li>A3 – Animal carcinogen</li> <li>A4 – Not classifiable as a human carcinogen</li> <li>A5 – Not suspected a human carcinogen</li> </ul>
<b>IARC (I)</b>	International Agency for Research on Cancer <ul style="list-style-type: none"> <li>1 – The agent (mixture) is carcinogenic to humans</li> <li>2A – The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.</li> <li>2B – The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of</li> </ul>



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	<p>sufficient evidence of carcinogenicity in experimental animals.</p> <ul style="list-style-type: none"><li>• 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.</li><li>• 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.</li></ul>
<b>NTP (N)</b>	<p>National Toxicology Program</p> <ul style="list-style-type: none"><li>• 1 – Known to be carcinogens</li><li>• 2 – Reasonably anticipated to be carcinogens</li></ul>

### Section 16: OTHER INFORMATION

**Date of Preparation:** April 28, 2014

**Version:** 1.0

**Revision Date:** N/A

**Disclaimer:** We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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### End of Safety Data Sheet