

## SAFETY DATA SHEET

### Section 1: IDENTIFICATION

### **1.1 PRODUCT IDENTIFIER**

Product Name: SimpleGrout® Pre-Mixed 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
	Five Concourse Parkway, Suite 1900
	Atlanta, GA 30328

**Telephone Number:** 1-(800)-272-8786

### **1.4 EMERGENCY TELEPHONE NUMBER**

Emergency Telephone	INFOTRAC 1-800-535-5053 (US and Canada)
Number:	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)

CarcinogenicityCategory 1AEye IrritationCategory 2ASpecific Target Organ Toxicity – Repeated ExposureCategory 1

### 2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

2.2a SIGNAL WORD: DANGER!

#### 2.2b HAZARD STATEMENTS May cause cancer through inhalation of dust Causes serious eye irritation Causes damage to organs through prolonged or repeated exposure

#### 2.2c HAZARD PICTOGRAMS





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### 2.2d PRECAUTIONARY STATEMENTS

i.	PREVENTION	Wash hands thoroughly after handling. Do not breathe dust/fume/vapors. 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 impervious gloves/protective clothing/eye protection.
ii.	RESPONSE	If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. 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 swallowed call a poison center/doctor. Rinse mouth. Do NOT induce vomiting. If exposed or concerned: get medical advice/attention.
iii.	STORAGE	Store in a well-ventilated place. Keep container tightly closed.
iv.	DISPOSAL	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

11% of the mixture consists of ingredient(s) of unknown acute toxicity.

### Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 MIXTURES

Chemical Name	CAS Number	Weight %
Crystalline Silica, Quartz	14808-60-7	40 - 70%*
Ethylene Glycol	107-21-1	0.5 – 1.5%*
Diethylene Glycol Monobutyl Ether	112-34-5	0.5 – 1.5%*

\*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

ROUTES OF EXPOSURE	DESCRIPTION
Eye Contact:	In case of contact, immediately flush eyes with plenty of water for several minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
Skin Contact:	In case of contact, immediately flush skin with plenty of water.



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Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

- Inhalation: 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.
- 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 medical advice/attention.

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

ROUTES OF EXPOSURE	DESCRIPTION		
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:	May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.		
Inhalation:	May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated inhalation of dust. 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.		
4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED			
Note to Physicians:	Symptoms may not appear immediately.		
Specific 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/Not Combustible by WHMIS/OSHA HAZCOM2012 Criteria

### **5.2 EXTINGUISHING MEDIA**

- 5.2a. Suitable Extinguishing Media: Powder, water spray, foam, carbon dioxide
- 5.2b. Unsuitable Extinguishing Media: Not Available

### 5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL



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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

**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).

### Section 6: ACCIDENTAL RELEASE MEASURES

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. Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in suitable container. Do not flush to sewer or allow entrance to waterways. Use appropriate Personal Protective Equipment (PPE).
Methods for Cleaning-Up:	Scoop up material and place in a disposal container. Provide ventilation.

### Section 7: HANDLING AND STORAGE

#### 7.1 PRECAUTIONS FOR SAFE HANDLING

Handling:	Use in well-ventilated areas. Wear impervious 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 dust/fume/vapors. 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.Store at room temperature and keep containers closed when not in use.



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### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETER

Exposure Guidelines

Occupational Exposure Limits			
Chemical Name	OSHA-PEL	ACGIH-TLV	
Crystalline Silica, Quartz	0.1 mg/m³	0.025 mg/m <sup>3</sup> (Resp.)	
Ethylene Glycol	50 ppm	50 ppm	
Diethylene Glycol Monobutyl Ether	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 protection [properly fitted dust- or splash-proof chemical safety goggles/face (face shield)]

#### ii. Skin Protection:

- 1. Hand Protection: Wear impervious gloves, such as nitrile.
- 2. Body Protection: Wear suitable protective clothing
- iii. Respiratory Protection: A NIOSH approved respirator or filtering face piece, such as N95, 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. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Wash contaminated clothing before reusing.

Appearance (physical state, color, etc.):	Sanded Paste(White Or Alabaster)	
Odor:	Characteristic	
Odor Threshold:	Not Available	
pH:	8.50 - 9.00	
Melting point/Freezing point:	Not Available	
Initial boiling point and boiling range:	Not Available	
Flash point:	>212°F(>100°C)	
Evaporation rate (Water=1):	Not Available	
Flammability:	Not Flammable/Not Combustible	

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES



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Upper Flammability/Explosive Limit:	Not Available
Lower Flammability/Explosive Limit:	Not Available
Vapor Pressure	Not Available
Vapor Density:	Not Available
Relative Density:	1.80 – 1.95 g/mL
Solubility in Water:	Not Available
Partition coefficient: n-octanol/water:	Not Available
Auto-ignition temperature:	Not Available
Decomposition Temperature:	Not Available
Viscosity (cps):	Not Available
VOC Content:	<55 g/L (0% CARB VOC)

### 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

No dangerous reaction known under conditions of normal use.

### 10.4. CONDITIONS TO AVOID

Heat. Incompatible materials.

**10.5. INCOMPATIBLE MATERIALS** None known.

#### **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:** Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- **Skin Contact:** May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
  - Inhalation: May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated inhalation of dust. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica from this product can cause silicosis, a



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serious disabling and fatal lung disease.

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

Acute Toxicity(ATE <sub>mix</sub> = 9,977 mg/kg)		
Chemical Name	LC50	LD50
Crystalline Silica, Quartz	Not Available	Oral: >10,000 mg/kg, rat
Ethylene Glycol	Inhalation: >2.5 mg/L, rat	Oral: 4,700 mg/kg, rat
Diethylene Glycol Monobutyl Ether	Not Available	Oral: 2,410 mg/kg, rat

Carcinogenicity	
Chemical Name	Chemical Listed as Carcinogens or Potential Carcinogen (NTP,IARC,OSHA,ACGIH,CP65)
Crystalline Silica, Quartz	N-A2, I-1, O-1, ACGIH-A2, CP65
Ethylene Glycol	ACGIH-A4
Diethylene Glycol Monobutyl Ether	Not Listed

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

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

### 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
Crystalline Silica, Quartz	Not Available	Not Available
Ethylene Glycol	Not Available	18,500 mg/L, Oncorhynchus mykiss
Diethylene Glycol Monobutyl Ether	Not Available	Not Available

## 12.2. PERSISTENCE AND DEGRADABILITY

Not Available

12.3. BIOACCUMULATIVE POTENTIAL Not Available



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### 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)	ΙΑΤΑ
UN NUMBER:	UN NUMBER:	UN NUMBER:
Not Regulated	Not Regulated	Not Regulated
UN PROPER SHIPPING NAME:	UN PROPER SHIPPING NAME:	UN PROPER SHIPPING NAME:
Not Regulated	Not Regulated	Not Regulated
TRANSPORT HAZARD CLASS (ES):	TRANSPORT HAZARD CLASS (ES):	TRANSPORT HAZARD CLASS (ES):
Not Regulated	Not Regulated	Not Regulated
PACKING GROUP (if applicable):	e): PACKING GROUP (if applicable): PACKING GROUP (if a	
Not Regulated	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



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Hazardous Products Regulations and the SDS contains all the information required by the Hazardous Products Regulations.

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

### 15.2. US FEDERAL INFORMATION:

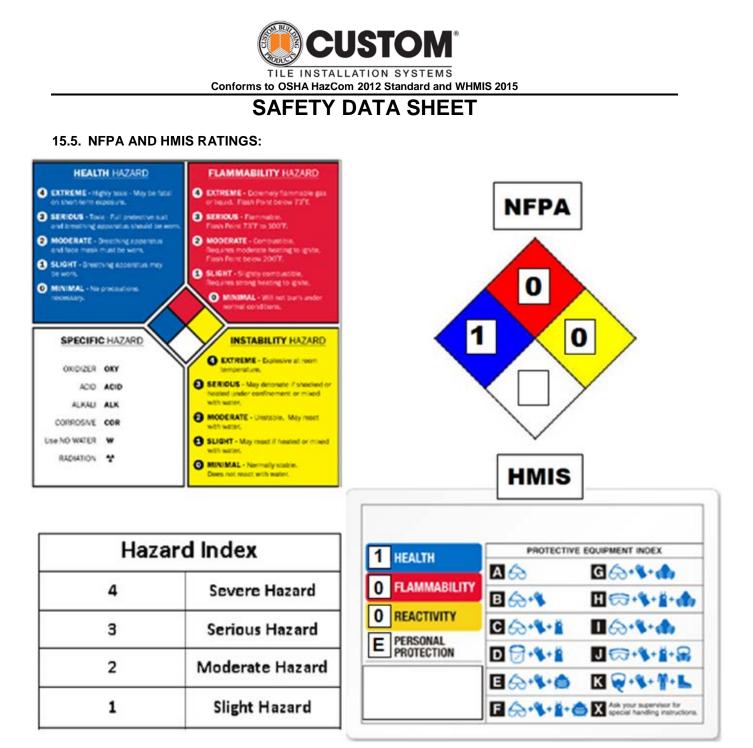
	SARA TITLE III			
CHEMICAL NAME	SECTION 302 (EHS) TPQ (LBS)	SECTION 304 EHS RQ (LBS)	CERCLA RQ (LBS)	SECTION 313 (TRI)
Crystalline Silica, Quartz	Not Listed	Not Listed	Not Listed	Not Listed
Ethylene Glycol	Not Listed	Not Listed	5000	Listed
Diethylene Glycol Monobutyl Ether	Not Listed	Not Listed	Not Listed	Listed

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

California Proposition 65: Other U.S. States "Right to Know" Lists:	chemicals including crystalline silica, which is known to the State of California to cause cancer, and ethylene glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <u>www.P65Warnings.ca.gov</u> .
New Jersey:	Silica, Quartz: CAS#14808-60-7 Calcium Carbonate: CAS#1317-65-3 Ethylene Glycol: CAS#107-21-1 Diethylene Glycol Monobutyl Ether: CAS#112-34-5 Titanium Dioxide: CAS#13463-67-7
Pennsylvania:	Silica, Quartz: CAS#14808-60-7 Calcium Carbonate: CAS#1317-65-3 Ethylene Glycol: CAS#107-21-1 Diethylene Glycol Monobutyl Ether: CAS#112-34-5 Titanium Dioxide: CAS#13463-67-7
Massachusetts:	Silica, Quartz: <b>CAS#14808-60-7</b> Calcium Carbonate: <b>CAS#1317-65-3</b> Ethylene Glycol: <b>CAS#107-21-1</b> Diethylene Glycol Monobutyl Ether: <b>CAS#112-34-5</b> Titanium Dioxide: <b>CAS#13463-67-7</b>
Minnesota:	Silica, Quartz: CAS#14808-60-7 Calcium Carbonate: CAS#1317-65-3 Ethylene Glycol: CAS#107-21-1 Diethylene Glycol Monobutyl Ether: CAS#112-34-5 Titanium Dioxide: CAS#13463-67-7
Florida: Michigan:	Not Available Not Available

### 15.4. GLOBAL INVENTORIES

Chemical Name	USA TSCA	Canada DSL/NDSL
Crystalline Silica, Quartz	TSCA	DSL
Ethylene Glycol	TSCA	DSL
Diethylene Glycol Monobutyl Ether	TSCA	DSL



#### 15.6. SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

CP65	California Proposition 65	
OSHA (O)	Occupational Safety and Health Administration	
ACGIH (G)	American Conference of Governmental Industrial Hygienists	
	A1 – Confirmed human carcinogen	
	A2 – Suspected human carcinogen	
	A3 – Animal carcinogen	
	<ul> <li>A4 – Not classifiable as a human carcinogen</li> </ul>	
	A5 – Not suspected a human carcinogen	
IARC (I)	International Agency for Research on Cancer	
	<ul> <li>1 – The agent (mixture) is carcinogenic to humans</li> </ul>	
	• 2A – The agent (mixture) is probably carcinogenic to humans; there	



TILE INSTALLATION SYSTEMS Conforms to OSHA HazCom 2012 Standard and WHMIS 2015

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	<ul> <li>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>
NTP (N)	National Toxicology Program
	<ul> <li>1 – Known to be carcinogens</li> </ul>
	<ul> <li>2 – Reasonably anticipated to be carcinogens</li> </ul>

### **Section 16: OTHER INFORMATION**

Date of Preparation: September 9, 2013

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**Revision Date:** 

September 13, 2017

**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:

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# **End of Safety Data Sheet**