
SAFETY DATA SHEET

Section 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: Tile Repair Professional Thin-Set Mortar
Product Code: Not Available

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Product Use: Mortar

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 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 |
| Serious Eye Damage | Category 1 |
| Skin Sensitization | Category 1B |
| Specific Target Organ Toxicity—Single Exposure | Category 3 |
| Specific Target Organ Toxicity—Repeated Exposure | Category 1 |
| Carcinogenicity | Category 1A |

2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

2.2a SIGNAL WORD:
DANGER!

2.2b HAZARD STATEMENTS

Causes skin irritation
Causes serious eye damage
May cause an allergic skin reaction
May cause respiratory irritation
Causes damage to lungs through prolonged or repeated inhalation of dust
May cause cancer through inhalation of dust

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2.2c HAZARD PICTOGRAMS



2.2d PRECAUTIONARY STATEMENTS

| | |
|----------------------|---|
| i. PREVENTION | Wash hands thoroughly after handling. Do not breathe dust. 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. |
| ii. RESPONSE | 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 swallowed: Rinse mouth. Do NOT induce vomiting. If exposed or concerned: get medical advice/attention. |
| iii. STORAGE | Store in a well-ventilated place. Store locked up. 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

7.1% 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 | 30 – 60%* |
| Portland Cement | 65997-15-1 | 10 – 30%* |
| Calcium Aluminate Cement | 65997-16-2 | 10 – 30%* |

*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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| ROUTES OF EXPOSURE | DESCRIPTION |
|----------------------|--|
| Eye Contact: | 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. |
| Skin Contact: | 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. |
| 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 damage. 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 sensitization by skin contact. |
| 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. |

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:
Treat for surrounding material.

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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 and hydrogen sulfide

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. Pick up large pieces, and 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.

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, except as indicated by the manufacturers. Do not get in eyes. Do not get on skin or clothing. Do not breathe dust. 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

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Storage: Keep out of the reach of children. Store locked up. Keep container tightly closed. Store at room temperature and keep containers closed when not in use. Keep dry until use.

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/m ³ | 0.025 mg/m ³ (Resp.) |
| Portland Cement | 5 mg/m ³ (Resp.) 15 mg/m ³ (Total) | 10 mg/m ³ (Resp.) |
| Calcium Aluminate Cement | 5 mg/m ³ (Resp.) 15 mg/m ³ (Total) | 10 mg/m ³ (Resp.) |

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/face 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.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|----------------------|
| Appearance (physical state, color, etc.): | Solid Powder(White) |
| Odor: | Characteristic |
| Odor Threshold: | Not Available |
| pH: | 10.0 – 12.5 when wet |
| Melting point/Freezing point: | Not Available |

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| | |
|---|-------------------------------|
| 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 |
| Upper Flammability/Explosive Limit: | Not Available |
| Lower Flammability/Explosive Limit: | Not Available |
| Vapor Pressure | Not Available |
| Vapor Density: | Not Available |
| Relative Density: | 2.0 – 3.0 g/mL |
| Solubility in Water: | Slightly Soluble |
| Partition coefficient: n-octanol/water: | Not Available |
| Auto-ignition temperature: | Not Available |
| Decomposition Temperature: | Not Available |
| Viscosity (cps): | Not Available |
| VOC Content: | 0 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 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

Strong acids. Strong Oxidizers.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Upon decomposition, this product may yield oxides of carbon and hydrogen sulfide.

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 damage. 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 sensitization by skin contact.

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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.

| Acute Toxicity (ATE _{mix} = 5,144 mg/kg) | | |
|---|---------------|--------------------------|
| Chemical Name | LC50 | LD50 |
| Crystalline Silica, Quartz | Not Available | Oral: >10,000 mg/kg, rat |
| Portland Cement | Not Available | Oral: >5,000 mg/kg, rat |
| Calcium Aluminate Cement | Not Available | Oral: >2,000 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 |
| Portland Cement | ACGIH-A4 |
| Calcium Aluminate Cement | Not Listed |

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

| SHORT-TERM | |
|--|---|
| Skin Corrosion/Irritation: | Causes skin irritation |
| Serious Eye Damage/Irritation: | Causes severe eye damage |
| Respiratory Sensitization: | Not Classified |
| Skin Sensitization: | May cause an allergic skin reaction |
| 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 lungs through prolonged or repeated inhalation of dust |
| 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 |
| Portland Cement | Not Available | Not Available |
| Calcium Aluminate Cement | Not Available | Not Available |

12.2. PERSISTENCE AND DEGRADABILITY

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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) | IATA |
|--|--|--|
| UN NUMBER: Not Regulated | UN NUMBER: Not Regulated | UN NUMBER: Not Regulated |
| UN PROPER SHIPPING NAME: Not Regulated | UN PROPER SHIPPING NAME: Not Regulated | UN PROPER SHIPPING NAME: Not Regulated |
| TRANSPORT HAZARD CLASS (ES): Not Regulated | TRANSPORT HAZARD CLASS (ES): Not Regulated | TRANSPORT HAZARD CLASS (ES): Not Regulated |
| PACKING GROUP (if applicable): Not Regulated | PACKING GROUP (if applicable): Not Regulated | PACKING GROUP (if applicable): 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 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 (29 CFR 1910.1200) HazCom 2012

15.2. US FEDERAL INFORMATION:

| CHEMICAL NAME | SARA TITLE III | | | |
|----------------------------|-----------------------------|--------------------------|-----------------|-------------------|
| | 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 |
| Portland Cement | Not Listed | Not Listed | Not Listed | Not Listed |
| Calcium Aluminate Cement | Not Listed | Not Listed | Not Listed | Not Listed |

15.3. US STATE RIGHT TO KNOW LAWS:

| | |
|---|---|
| California Proposition 65: |  WARNING: This product can expose you to chemicals including Crystalline Silica which is known to the State of California to cause cancer and Hexavalent Chromium Compounds which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov . |
| Other U.S. States "Right to Know" Lists: | |
| New Jersey: | Silica, quartz: CAS#14808-60-7 Portland cement: CAS#65997-15-1 Calcium Aluminate Cement: CAS#65997-16-2 Gypsum: CAS#13397-24-5 Calcium Carbonate: CAS#1317-65-63 |
| Pennsylvania: | Silica, quartz: CAS#14808-60-7 Portland cement: CAS#65997-15-1 Calcium Aluminate Cement: CAS#65997-16-2 Gypsum: CAS#13397-24-5 Calcium Carbonate: CAS#1317-65-63 |
| Massachusetts: | Silica, quartz: CAS#14808-60-7 Portland cement: CAS#65997-15-1 Calcium Aluminate Cement: CAS#65997-16-2 Gypsum: CAS#13397-24-5 Calcium Carbonate: CAS#1317-65-63 |
| Minnesota: | Silica, quartz: CAS#14808-60-7 Portland cement: CAS#65997-15-1 Calcium Aluminate Cement: CAS#65997-16-2 Gypsum: CAS#13397-24-5 Calcium Carbonate: CAS#1317-65-63 |
| Florida: | Not Available |
| Michigan: | Not Available |

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15.4. GLOBAL INVENTORIES

| Chemical Name | USA TSCA | Canada DSL/NDSL |
|----------------------------|----------|-----------------|
| Crystalline Silica, Quartz | Yes | DSL |
| Portland Cement | Yes | DSL |
| Calcium Aluminate Cement | Yes | DSL |

15.5. NFPA AND HMIS RATINGS:

HEALTH HAZARD

④ **EXTREME** - Highly toxic. May be fatal on short-term exposure.

③ **SERIOUS** - Toxic. Full protective suit and breathing apparatus should be worn.

② **MODERATE** - Breathing apparatus and face mask must be worn.

① **SLIGHT** - Breathing apparatus may be worn.

① **MINIMAL** - No precautions necessary.

FLAMMABILITY HAZARD

④ **EXTREME** - Extremely flammable gas or liquid. Flash Point below 73°F.

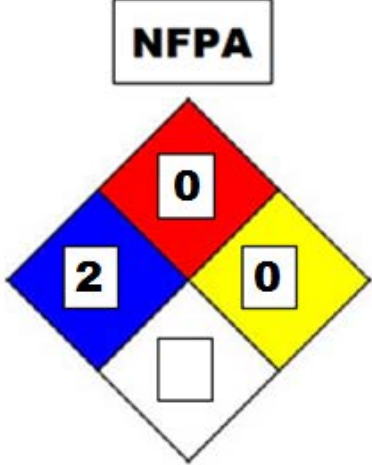
③ **SERIOUS** - Flammable. Flash Point 73°F to 300°F.

② **MODERATE** - Combustible. Requires moderate heating to ignite. Flash Point below 200°F.

① **SLIGHT** - Slightly combustible. Requires strong heating to ignite.

① **MINIMAL** - Will not burn under normal conditions.

NFPA



HMIS

HEALTH 2

FLAMMABILITY 0

REACTIVITY 0

PERSONAL PROTECTION E

PROTECTIVE EQUIPMENT INDEX

| | | | |
|----------|--|----------|--|
| A | | G | |
| B | | H | |
| C | | I | |
| D | | J | |
| E | | K | |
| F | | X | Ask your supervisor for special handling instructions. |

Hazard Index

| | |
|---|-----------------|
| 4 | Severe Hazard |
| 3 | Serious Hazard |
| 2 | Moderate Hazard |
| 1 | Slight Hazard |

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 <ul style="list-style-type: none"> • A1 – Confirmed human carcinogen • A2 – Suspected human carcinogen • A3 – Animal carcinogen • A4 – Not classifiable as a human carcinogen • A5 – Not suspected a human carcinogen |

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| | |
|-----------------|--|
| IARC (I) | International Agency for Research on Cancer <ul style="list-style-type: none"> • 1 – The agent (mixture) is carcinogenic to humans • 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. • 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. • 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans. • 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans. |
| NTP (N) | National Toxicology Program <ul style="list-style-type: none"> • 1 – Known to be carcinogens • 2 – Reasonably anticipated to be carcinogens |

Section 16: OTHER INFORMATION

Date of Preparation: January 5, 2015

Version: 1.2

Revision Date: August 15, 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: Custom Building Products
 Phone: (562)-968-2980
www.custombuildingproducts.com

End of Safety Data Sheet