
1. Substance/Preparation and Company Identification

Company:

Huntsman Building Solutions
3315 E. Division Street,
Arlington, TX 76011
Tel: 817-640-4900 , 888-224-1533
sdsinfo@huntsmanbuilds.com

24 Hour Emergency Response Information

CHEMTREC (24 hours) 800-424-9300

2. Composition/Information on Ingredients

<u>Component:</u>	<u>CAS No.</u>	<u>Percent</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Calcium Carbonate	1317-65-3	45-55% 1	0mg/m3	15mg/m3	NA
Calcium Hydroxide	1305-62-0	1-5%	5mg/m3	15mg/m3	NA
Portland Cement	65977-15-1	45-55%	10mg/m3	50 mppcf	NA

3. Hazard Identification

Emergency Overview

Color: White
Physical State: Powder
Odor: No Odor

Primary Routes of Entry: Inhalation, Skin Contact, Eye Contact, Ingestion

Eye Contact: Irritant, severe eye irritation. May cause eye injury. Effect may be delayed.

Skin Contact: Contains Portland cement and exposure to dry Portland cement may cause drying of skin with consequent irritation. Prolonged contact with wet Portland cement may cause severe, potentially irreversible damage to the skin in the form of chemical (caustic) burns.

Skin Absorption: NA

Inhalation: Dust can cause inflammation of interior of nose and eyes. Prolonged exposure to dust over the TLV may cause scarring of the lungs and delayed lung injury (silicosis).

Ingestion: If accidentally ingested, mortar may set and cause bowel obstruction consult physician.

Chronic/Carcinogenicity Effect: Contains silica sand, known Human Carcinogen (category 1). May contain traces of chemicals on California Proposition 65 list.

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4. First-Aid Measures

- Eye Contact:** Flush eyes with plenty of water; remove contact lenses after 1-2 minutes then continue flushing for several minutes. Irritant, severe eye irritation. May cause eye injury. Effect may be delayed. If effects occur, consult a physician, preferably an ophthalmologist.
- Skin Contact:** Contains Portland cement and exposure to dry Portland cement may cause drying of skin with consequent irritation. Prolonged contact with wet Portland cement may cause severe, potentially irreversible damage to the skin in the form of chemical (caustic) burns. Wash exposed skin areas with soap and water.
- Inhalation:** Move person to fresh air, if effects occur, consult physician.
- Ingestion:** If accidentally ingested, mortar may set and cause bowel obstruction – consult physician.
- Notes to Physician:** Signs and symptoms of exposure are shortness of breath, coughing, reddening of eyes.

5. Fire-Fighting Measures

Extinguishing Media: Water. Dry chemical fire extinguishers. Carbon dioxide fire extinguisher.

Special Protective Equipment for Firefighters:

Wear positive-pressure self-contained breathing apparatus (SCBA) and protective clothing (includes fire fighting helmet, coat, trousers, boots and gloves). If protective equipment is not available or not used, fight fire from a protected location or safe distance.

- Special Fire Fighting Procedures:** NA
Unusual Fire and Explosion Hazards: NA
Hazardous Combustion Products: NA

6. Accidental Release Measures

Released or Spilled: Collect spills using dustless method, material can be returned to container for later use, wear NIOSH/OSHA approved respirator for silica dust when cleaning area. Wear appropriate equipment to prevent skin and eye contact.

7. Handling and Storage

Store in covered, dry area.
Avoid creating dust. Avoid breathing dust.
Use only with adequate ventilation.

8. Exposure Controls and Personal Protection

<u>Component</u>	<u>TYPE</u>	<u>Value</u>
Calcium Carbonate	TWA Total Dust	15mg/m ³
Calcium Hydroxide	TWA Total Dust	5mg/m ³
Portland Cement	TWA Total Dust	50 mppcf

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Personal Protection:

- Eye/Face Protection:** Use safety glasses. If there is potential for exposure to particles which could cause eye discomfort, wear chemical goggles.
- Skin Protection:** Barrier cream, boots and clothing should protect skin from dust and wet mortar.
- Hand Protection:** Impervious gloves, vinyl or rubber gloves recommended.
- Respiratory Protection:** NIOSH/OSHA approved respirator for silica dust.
- Ingestion:** Use good personal hygiene. Do not consume or store food in the work areas. Wash hands before smoking or eating.
- Work/Hygienic Practices:** Workers should shower with soap and water after working with mortar.

Engineering Controls:

- Ventilation:** Use with adequate ventilation.

9. Physical and Chemical Properties

Physical State: Powder
Color: White
Odor: No Odor
Flash Point: NA
Flammable Limits in Air Lower (LEL): NA **Upper (UEL):** NA
Autoignition Temperature: NA
Vapor Pressure: NA
Boiling Point (760mmHg): NA
Vapor Density (air=1): NA
Specific Gravity (H₂O =1): 2.7
VOC: =0%
Freezing Point: NA
Melting Point: NA
Solubility in Water (by weight): <1%
pH: 10-13 in water
Kinematic Viscosity: NA

10. Stability and Reactivity

- Stability/Instability:** Stable
- Conditions to Avoid:** Keep dry until used
- Incompatibility Materials:** Contains Portland Cement when wet is highly alkali. As a result it is incompatible with acids, ammonium salts, aluminum and other alkali and alkaline earth metals
- Hazardous Polymerization:** Will not occur
- Thermal Decomposition Products:** NA

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11. Toxicological Information

Not Applicable.

12. Ecological Information

Not Applicable.

13. Disposal Considerations

Waste Disposal Method: Dispose materials as common waste, unrestricted sanitary landfill.

14. Transport Information

No special transportation or label placarding is required.

15. Regulatory information

Listed ingredients are on the U.S. EPA TSCA inventory of chemical substances. W.H.M.I.S. Coed D.2

The product contains a chemical(s) known to the State of California to cause cancer or reproductive harm.

16. Other Information

Legend: NA – Not Available or Applicable ND – Not Determined

Local Contact Information: 877-636-2648

IMPORTANT: While the descriptions, designs, data, and information contained herein are guidance only because many factors may affect processing or application/use. We recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth, or that the products, designs, data, or information may be used without infringing the intellectual property rights of others. In no case shall the descriptions, information, data, or designs provided by consider a part of our terms and conditions of sale. Further, you expressly understand and agree that the descriptions, designs, data, and information furnished by Huntsman Building Solutions Hereunder are given gratis and Huntsman Building Solutions assumes no obligation or liability for the description, designs, data, and information given or results obtained. All such being given and accepted at your own risk. End of data sheet.