



California Building Material Supply

Safety Data Sheet

According to Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

Revision Date: 11/18/15

Section 1: Product Identification

Supplier Name:

California Building Material Supply
4408 Vahan Court
Lancaster, CA 93536

Telephone Number: (800) 215-7372

Refers to the following products listed as Earth Stone and Rock and/or grades:

ESR sand, gravel and cobbles

Product uses: Siliceous aggregates used in various applications

Section 2: Hazards Identification

Classification of substance or mixture

Acute toxicity - Category 4 (oral)

Carcinogenicity - Category 1A

Specific target organ toxicity -- Repeated exposure - Category

Eye Irritant - Category 2B

Hazard Pictograms



Signal word: DANGER !

**Hazard Statement:**

May cause cancer through chronic inhalation.
May cause respiratory irritation.
Causes damage to lungs through prolonged or repeated inhalation.
Causes eye irritation if particles or dust get in the eye.

Precautionary statements:

Do not breathe dust.
Do not handle until all safety precautions have been read and understood.
Wear protective gloves/ protective clothing / eye protection / face protection.
Do not eat, drink or smoke when using this product.
Use only in a well ventilated area.

If exposed or concerned: Get medical advice/ attention.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately seek medical advice or attention if symptoms are significant or persist.

Dispose of contents/containers in accordance with all regulations.

Other Hazards: No additional information is available.

Unknown Acute Toxicity: None

Section 3: Composition / Information on Ingredients

Hazardous Components: Sand, Silica, Quartz **CAS No.:** 14808-60-7 **% by Weight:** 100%

Section 4: First- Aid Measures**Description of First-aid measures:**

After Inhalation: Remove person to fresh air and keep comfortable for breathing.

After skin contact: Rinse skin with water.

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

After swallowing: If conscious, have the victim drink plenty of water and call a physician immediately. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed:

Inhalation: May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated inhalation. This product contains crystalline silica. Prolonged or repeated inhalation of respirable silica from this product can cause silicosis.



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Skin contact: May cause skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. Handling can cause dry skin.

Eye contact: May cause eye irritation if particles or dust get in eye. Symptoms may include discomfort or pain, excess blinking or tear production, with possible redness and swelling.

Ingestion: Harmful when swallowed. May cause stomach distress, nausea or vomiting.

Indication of any immediate medical attention and special treatment needed:

Immediately seek medical advice or attention if symptoms are significant or persist.

Section 5: Firefighting Measures

Flammability of the Product: Non-flammable and non-combustible.

Suitable Extinguishing agents: Treat for surrounding material

Special hazards arising from the substance or mixture: None

Products of combustion: None

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear personal protective equipment as recommended in Section 8. Keep unprotected persons away.

Methods and material for containment and cleaning up: Contain spill, then place in suitable container. Do not allow to enter sewers/surface or ground water. Dispose of unwanted materials and containers properly in accordance with all regulations.

Section 7: Handling and Storage

Precautions for safe handling: Good housekeeping is important to prevent accumulation of dust. Avoid generating and breathing dust. There are extensive OSHA precautions required for sand blasting. ensure good ventilation/exhaustion at the work place. In dusty environments, the use of OSHA, MSHA or NIOSH approved respirator and tight fitting goggles is recommended. Do not mix with other chemical products, expect as indicated by manufacturer. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. Avoid to contact with skin and eyes.

Handle and open contain with care. When using, do not eat, drink or smoke.

Conditions for safe storage: Keep out of reach of children.

Section 8: Exposure Controls/ Personal Protection

Hazardous Components	CAS No.	PEL (OSHA) mg/M ³	TLV (ACGIH) mg/M ³
Quartz, Crystalline Silica	14808-60-7	0.1	0.025(resp)

Appropriate engineering controls: Use ventilation adequate to keep exposures below recommended exposure limits.

Hand Protection: Wear gloves of adequate length to offer appropriate skin protection from incidental contact. General duty work gloves have been found adequate protection for most intended uses.

Eye Protection: Wear approved eye protection properly fitted dust-proof chemical safety glasses.



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Respiratory protection: A NIOSH approved dust mask of filtering face piece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by the user under the direction of the 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).

Other information: Do not eat, smoke or drink while material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

Section 9: Physical and Chemical Properties

General Information

Appearance:	Granular, Pebble
Color:	Varies
Odor:	None
Ph:	Not applicable
Boiling Point:	Not applicable
Flash Point:	Not applicable
Freezing Point:	Not applicable
Auto Igniting:	Not self igniting
Vapor Pressure:	Not applicable
Density at 25°C (77°F):	2.5- 2.8
Solubility in Water:	Insoluble
Flammability:	Not flammable
VOC content, wt. %:	0%, not applicable; 0 wt., not applicable
Decomposition temperature:	No data available

Section 10: Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: Stable under normal storage conditions. Keep dry in storage.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: No decomposition if used according to specification.

Incompatible materials: Contact of silica with powerful oxidizing agents such as fluorine, chlorine, trifluoride, manganese trioxide or oxygen difluoride may cause fires.

Hazardous decomposition products: Silica will dissolve in hydrofluoric acid and produce a corrosive gas silicon tetrafluoride.

Section 11: Toxicological Information

Routes of exposure: Inhalation, skin contact, eye contact and ingestion.

Symptoms related to physical/chemical/toxicological characteristics:

Inhalation: May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated inhalation. This product contains crystalline silica. Prolonged or repeated inhalation of respirable silica from this product can cause silicosis.

Skin contact: May cause skin irritation.

Eye contact: May cause eye irritation if particles or dust get in eye.



Ingestion: Harmful if swallowed. May cause stomach distress, nausea or vomiting.

Delayed immediate or chronic effects of short and long term exposure:

Short term:

Skin corrosion/irritation: Not applicable.

Serious eye damage/irritation: Causes eye irritation if particles or dust get in the eye.

Respiratory sensitization: Not applicable

Skin sensitization: Not applicable.

Specific target organ toxicity-single exposure: May cause respiratory irritation.

Aspiration hazard: Not applicable

Long term:

Causes damage to organs through prolonged or repeated exposure. Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency of Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. The risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of time, usually years, of exposure.

Section 12: Ecological Information:

Ecotoxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Other adverse effects: No further relevant information available.

Section 13: Disposal Considerations

Waste disposal recommendations: The packaging and material may be land filled; however material should be covered to minimize generation of airborne dust. This material must be disposed of in accordance with all local, state, and federal regulations.

Section 14: Transportation Information

In accordance with Department of Transportation (DOT) not regulated for transport.

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

Section 15: Regulatory Information

US Federal Information: All components of this product are listed, or excluded from listing on the United States Environment Agency Toxic Substance Control Act (TSCA) inventory.

US State regulations: California Prop. 65 - This product contains Crystalline Silica, Quartz and may also contain other chemicals known to the State of California to cause cancer, birth effects or other reproductive harm.

Section 15: Other Information

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

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