

Safety Data Sheet Francini – Quartzite

1. Product Identification

Common Name: Quartzite
Use: Floor, wall, and countertop covering
Synonyms: Quartzite

Distributor:

Francini, Inc.
11796 Sheldon Street
Sun Valley, CA 91352

Telephone: (818) 767-5899
Fax: (818) 767-5299
24-hr Emergency phone: 208-412-6934

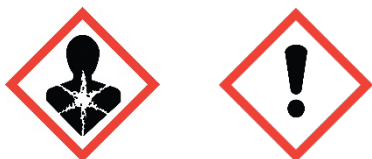
2. Hazards Identification

Hazard Categories: Carcinogenicity, Category 1
Specific target organ toxicity- repeat exposure, Category 1
Acute toxicity, Inhalation, Category 4

Signal Word: Danger

Hazard Statements: H350: May cause cancer
H372: Causes damage to lungs through prolonged or repeated exposure
H332: Harmful if inhaled

Pictograms:



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Precautionary Statements: Prevention

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P260: Do not breathe dust.

P271: Use only outdoors or in a well-ventilated area.

Response

P308+313: IF exposed to dust: Call a POISON CENTER or physician.

P314: Get Medical advice/attention if you feel unwell.

Disposal

P501: Dispose of waste in accordance with local/regional/national regulation.

3. Composition/Information on Ingredients

Name	Synonyms	CAS	% by weight
Silica, crystalline	quartz	14808-60-7	94
Plagioclase			3
Muscovite			3
Biotite			<1

4. First Aid Measures

Inhalation: Remove to fresh air if exposed to large amounts of dust. If breathing is difficult, seek medical attention. Administer artificial respiration if breathing has stopped.

Skin/eye contact: Wash skin with soap and water. Flush eyes with large amounts of water for 15 minutes. If irritation occurs, seek medical attention

Ingestion: Rinse mouth and drink water. Seek medical attention if discomfort occurs.

5. Fire Fighting Measures

Extinguishing Procedure:	Suitable extinguishing media include water spray, foam, dry chemical, or CO ₂ .
Hazardous Combustion Products:	N/A

6. Accidental Release Measures

Personal Precautions:	Do not breathe dust. Do not get in eyes. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8.
Methods for cleanup:	Avoid creating dust. Clean with high-efficiency particulate air (HEPA) filtered vacuum or with wet methods.

7. Handling and Storage

Handling:	When cutting, grinding, or otherwise generating dust, use wet methods to reduce airborne dust generation. Use equipment with a HEPA-filtered dust collection system or local exhaust ventilation. Use respiratory protection unless task-specific air monitoring data indicates that respirators are unnecessary.
Storage:	No hazards have been identified due to storage of intact tiles, panels, or slabs near incompatible materials. Contact with some acids may damage or discolor the surface.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits:

Crystalline Silica: **OSHA PEL**
 8-hour TWA: 50 µg/m³ (respirable fraction)
 NIOSH REL
 8-hour TWA: 50 µg/m³ (respirable fraction)
 ACGIH TLV[®]
 8-hour TWA: 25 µg/m³ (respirable fraction)

Engineering Controls, Work Practices, and PPE

Appropriate Engineering and Work Practice Controls:	Use HEPA-filtered dust collected system with cutting/grinding tools Use wet cutting methods to reduce airborne dust generation
Personal Protective Equipment:	Wear properly fitted NIOSH/MSHA-approved respiratory protection when exposure limits may be exceeded. Wear hand/skin/eye protection to avoid skin/eye exposure to dust.

9. Physical and Chemical Properties

Appearance:	Brittle solid, varying color
Odor:	Odorless
Odor Threshold:	N/A
pH:	N/A
Melting/Freezing Point:	N/A
Boiling point:	N/A
Flash point:	N/A
Evaporation rate:	N/A
Flammability:	N/A
LEL:	N/A
UEL:	N/A

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Vapor Pressure:	N/A
Vapor Density (air =1):	N/A
Relative Density:	N/A
Solubility:	Insoluble
Partition Coefficient:	N/A
Auto-Ignition temperature:	Not self-inflammatory
Decomposition temperature:	N/A
Viscosity:	N/A

10. Stability and Reactivity

Reactivity	Inert
Chemical Stability:	Stable under normal conditions
Incompatible Materials:	Strong acids
Hazardous Decomposition Products:	None

11. Toxicological Information

Routes of Entry: None for intact product. Inhalation and exposure to eyes/skin during procedures involving cutting or grinding of products.

Potential Acute Health Effects:

Eyes:	No acute effects are associated with intact product. Airborne dust or debris may cause eye irritation.
Skin:	No acute effects are associated with intact product. Fine dust may cause skin irritation.
Inhalation:	No acute effects are associated with intact product. Airborne dust or debris may cause respiratory tract irritation.
Ingestion:	No acute effects are associated with intact product or dust.

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Potential Chronic Health Effects:

Chronic Effects:	No chronic effects are associated with intact product. Inhalation of the respirable fraction of airborne dust may lead to the development of silicosis, a type of pulmonary fibrosis and lung cancer.
Target organs:	Lungs
Medical conditions aggravated by overexposure	Pre-existing disorders involving any target organs mentioned in this SDS as being at risk may be aggravated by over-exposure to this product.

Potential signs and symptoms of exposure:

Labored breathing, early fatigue. These signs/symptoms may arise from other causes.

Toxicity Data

Crystalline silica:	LC ₅₀ (rat) = Not established due to lack of acute toxicity IDLH = Cristobalite and Tridymite: 25 mg/m ³ (NIOSH) Quartz and Tripoli: 50 mg/m ³ (NIOSH) (based on 500 times the 1989 PEL)
Carcinogen:	IARC-1, NIOSH-Ca, NTP-K, TLV-A2, MAK-1
Mutagen:	Not classified as mutagenic
Reproductive Toxin:	Not classified as a reproductive toxin

12. Ecological Information

Ecotoxicity (aquatic and terrestrial):	Not expected to be harmful to the environment
Persistence and degradability:	N/A
Bioaccumulative potential:	Not bioaccumulative
Mobility in soil:	N/A
Other adverse effects:	N/A

13. Disposal Considerations

Dispose of in accordance with local, regional, federal, or international regulations.

14. Transport Information

Parameter	US DOT	Canada TDG
Proper shipping name	Non-regulated	Non-regulated
Hazard Class	Non-regulated	Non-regulated
Identification number	None	None
Shipping label	None	None

15. Regulatory Information

This product and/or its components have been previously introduced into U.S. commerce and is listed in the Toxic Substances Control Act (TSCA) Inventory of Chemicals in Commerce. Hence, it is subject to all applicable provisions and restrictions under TSCA 40 CFR Section 721 and 723.250.

Title 22 Division 2, California Code of Regulation Chapter 3 (Proposition 65): This product contains crystalline silica a chemical known to the State of California to cause cancer and/or birth defects or other reproductive harm. Title 8, Division 1, California Code of Regulation Chapter 4, Section 5204 (Cal-OSHA Emergency Temporary Standard for Silica): This product contains more than 10% crystalline silica. When performing a “high-exposure trigger task,” follow Cal-OSHA’s emergency temporary standard for silica. “High-exposure trigger task” includes machining, crushing, cutting, drilling, abrading, abrasive blasting, grinding, chiseling, carving, gouging, polishing, buffing, fracturing, intentional breaking, or intentional chipping of artificial stone as well as clean up, distributing, or handling of wastes, dusts, residues, debris, or other materials created during the above-listed tasks. Do not dry cut. Use one of the following wet cutting methods: (1) applying a constant, continuous, and appropriate volume of running water directly onto the surface of the stone; (2) submersing the stone underwater; or (3) water jet cutting using high pressure water to cut the stone. Wear a full face, tight-fitting powered-air purifying respirator or a respirator providing equal or greater protection equipped with a HEPA, N100, R100, or P100 filter. Use wet cleanup methods or vacuum cleaners equipped with a HEPA filter. Do not use compressed air on waste, dust, debris, residue, or other materials that may

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contain crystalline silica or on any surface or clothing or body surface that may contain crystalline silica.

State Regulations: Crystalline silica as quartz (CAS: 14808-60-7)

Massachusetts – Right To Know List

New Jersey – Right to Know Hazardous Substance List

Pennsylvania – RTK (Right to Know) List

This product or its components meets the following hazard definition(s) as defined by the Occupational Safety and Health Hazard Communication Standard (29 CFR Section 1910.1200):

☐ Combustible Liquid	☐ Flammable Aerosol	☐ Oxidizer
☐ Compressed Gas	☐ Explosive	☐ Pyrophoric
☐ Flammable Gas	☒ Health Hazard (Sections 3 & 11)	☐ Unstable
☐ Flammable Liquid	☐ Organic Peroxide	☐ Water Reactive
☐ Flammable Solid		

☐ Based on information presently available, this product does not meet any of the hazard definitions of 29 CFR Section 1910.1200.

Note: The information in this data sheet provides information related to the potential hazards associated with dusts which may be produced during cutting or otherwise changing the shape of the product during installation.

16. Other Information

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Disclaimer: The information contained herein is presented in good faith and believed to be accurate as of the effective date shown above. This information is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. Any use of this data and information must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.