

Safety Data Sheet

Section 1 - Chemical Identification

Product Name: Quartz Wool
 Catalog Numbers: CI-1420
 SDS number: 42
 Product purpose: Laboratory use.

Manufacture/ Supplier/Distributor:

Company Crossings, Inc.
 3648 S. Folsom
 Lincoln, NE 68522
 402-435-7942

Website: www.crossingsinc.com
email: info@crossingsinc.com
Emergency phone:
 Chemtel: 800-255-3924

Section 2 - Hazards Identification

Classification: Not classified according to the Globally Harmonized System – GHS.

Hazard Symbol: Not required

Signal word: None

Hazard statement: Mixture does not meet criteria for classification.

Precaution Statement: Avoid breathing dust. Wash hands after handling. Observe good industrial hygiene practices. Store in a dry place. Dispose of waste and residues in accordance with local authority requirements.
 (non-regulatory)

Section 3 - Composition, Information on Ingredients

Chemical Name	Common Name	CAS#	%/W
Silicon Dioxide (Amorphous)		60676-86-0	100

Section 4 - First Aid Measures

GENERAL ADVICE: Consult a physician. Show this safety data sheet to the doctor in attendance.

EYES: Flush with large amounts of water for 15 minutes. **If eye irritation persists:** Get medical aid.

SKIN: Wash off with plenty of water. Get medical aid if irritation develops or persists.

INHALATION: Remove person to fresh air. If necessary aid breathing and seek medical aid.

INGESTION: If swallowed, call a physician/ poison control center.

Section 5 - Fire Fighting Measures

Extinguishing Media: Use measure appropriate to local circumstances and the surrounding environment.

Decomposition Hazards: During fire toxic gases, fumes may form.

Firefighting Instructions: Wear self-contained breathing apparatus and standard protective clothing.

Section 6 - Accidental Release Measures

Personal Precautions: Use personal protection equipment. Avoid breathing dust.

Recovery method: Sweep up, collect in suitable container without creating dust.

Section 7: Handling and Storage

Handling: Minimize dust creation. Don't breathe dust. Provide appropriate exhaust ventilation at places where dust is formed. Wash hand thoroughly after handling. Observe good industrial hygiene practices.

Storage: Keep container tightly close. Store in a dry, cool place.

Section 8 - Exposure Controls, Personal Protection

CAS#	Chemical Name	Form	OSHA TWA(mg/m3)	NIOSH TWA(mg/m3)
60767-86-0	Silicon Dioxide (Amorphous)		0.8	6

Control: No special environmental precautions required.

Eye and Face Protection: Wear appropriate protective eyeglasses with side shields.

Skin and Clothing: Wear appropriate chemical resistant gloves.

Respirators: Where risk assessments shows air-purifying respirators are appropriate - use a full face particle Respirator type N100.

General hygiene: Wash hands after use and before eating or drinking. Do not breathe dust. Observe good industrial hygiene practices. Work clothing should be wash regularly to remove contaminants.

SECTION 9 - Physical and Chemical Properties

Physical state: Solid Fine fiber

Appearance: White Fiber

Odor: None

PH:N/A

Vapor pressure: N/A

Boiling point: N/A

Melting Point: N/A

Freezing/melting point: N/A

Section 10 - Stability and Reactivity

Stability: Stable under normal conditions.

Avoid: Do not create dust, incompatible materials.

Incompatible materials: Alkalis, Hydrofluroric acid

Hazardous decompositions: Cristobalite is formed at temperature >1300°C.

Section 11 - Toxicological Information

Exposure: Dust may irritate eyes, skin and respiratory system. Prolong inhalation may be harmful.

Acute toxicity

Silicon Dioxide (Amorphous)

Acute

Oral

LD50 Mouse > 15000 mg/kg

Rat > 22500mg/kg

Acute Effects: No data available

Carcinogenicity:

IARC: Category 3- not classified as carcinogenicity to humans. Silicon Dioxide (Amorphous)

OSHA: Specifically Regulated Substances (29CFR 1910.1001-1050): Not listed

Section 12 - Ecological Information

Eco-toxicity Data: Not classified as environmentally hazardous.

Mobility in soil: No data available.

Other: No other adverse environmental effects are expected from this component.

Section 13 - Disposal Considerations

Waste Disposal: Dispose of in accordance with all federal, state and local regulation.

Section 14 - Transport Information

DOT: Not regulated as dangerous goods.

Section 15 - Regulatory Information

U.S. EPA TSCA Inventory List. Yes

CERCLA Hazardous substance list: Not listed.

SARA Title III

Section 302 Extremely Hazardous material: Not listed.

Section 304 Emergency release notification: Not regulated

Sections 311/312 Hazardous Categories: No

Section 313 (TRI reporting): Not regulated.

State Regulations:

Massachusetts (RTK): Silicon Dioxide (Amorphous)CAS No. 60676-86-0

Pennsylvania (RTK): Silicon Dioxide (Amorphous)CAS No. 60676-86-0

New Jersey (RTK): Silicon Dioxide (Amorphous)CAS No. 60676-86-0

California Proposition 65: California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins

Section 16 – OTHER INFORMATION

The information provided in the SDS is believed to be correct to the best of our knowledge and is attended only as guidance for the safe use, storage and disposal of the product. Crossings Inc, cannot assure the accuracy of the information provided and shall not be responsible or liable for any damage or loses resulting from use.

Date: October 1, 2015