

# Safety Data Sheet

## Section 1 - Chemical Identification

Product Name: Quartz Wool Strips  
 Catalog Numbers: CI-1421  
 SDS number: 41  
 Product purpose: Laboratory use.

Manufacture/ Supplier/Distributor:

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

**Website:** [www.crossingsinc.com](http://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.

## Section 3 - Composition, Information on Ingredients

Chemical Name	Common Name	CAS#	%/W
Silicon Dioxide (Amorphous)		60676-86-0	>99

This product consists of amorphous silica and fiber surface organic binders. High temperatures (>800°C) may result in the conversion of some amorphous silica to crystalline silica. Crystalline silica is classified as IARC Group 1, carcinogenic to humans. Silica dust is amorphous and is considered inert.

## 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:** Not available.

## 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. Avoid dust formation.

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

## **Section 7: Handling and Storage**

**Handling:** Minimize dust creation. Don't breathe dust. Dust formation should be considered. Provide appropriate exhaust ventilation at places where dust is formed. Avoid contact with eyes. Practice good housekeeping.

**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. Work clothing should be wash regularly to remove contaminants.

## **SECTION 9 - Physical and Chemical Properties**

**Physical state:** Solid 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:** Fluorine, Chlorine

## **Section 11 - Toxicological Information**

**Exposure:** Dust may irritate eyes, skin and respiratory system. Prolong exposure to dust may be cause lung injury or disease.

### **Acute toxicity**

#### **Silicon Dioxide (Amorphous)**

##### **Acute**

##### **Oral**

LD50	Mouse	> 15000 mg/kg
	Rat	> 22500 mg/kg

**Acute Effects:** No data available

##### **Carcinogenicity:**

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

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

**Chronic effects:** Prolonged inhalation may be harmful

## **Section 12 - Ecological Information**

**Eco-toxicity Data:** No Data

**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**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

**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:**

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**

**HMIS<sup>®</sup> ratings** (scale 0 -4) Health: 1 Flammability 0: Physical: 0

**NFPA ratings** (scale 0 -4) Health: 0 Flammability: 0 Reactivity: 0

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 6, 2015