

# Safety Data Sheet

Part Number 326234

## Section 1. Substance Identity and Company Contact Information

<b>Product Name</b>	Quartz Wool	<b>Product Part Number(s)</b>	144501, 324563, and 148040
<b>Trade Name</b>	Fused Silica Glass	<b>Unit Size</b>	3.5 g
<b>Company</b>	OI Analytical, P.O. Box 9010, College Station, TX 77842-9010, Phone: (979) 690-1711, Fax: (979) 690-0440		

**Emergency No. 1-800-424-9300 (Chemtrec).** Use only in the event of chemical emergencies involving spills, leaks, fire, exposure, or accidents involving chemicals.

## Section 2. Hazards Identification

**Pictogram(s)**



**Signal Word**

Warning

**Precautionary Statement(s)**

This is a non-combustible, non-reactive solid material. It is supplied as multiform glass. Exposure to glass powder or dusts may be irritating to eyes, nose, and throat. At high exposure levels, the dust may effect the lungs.

**Target Organ(s)**

Lungs

**Potential Health Effects**

Eye:	Dust or powder may irritate eye tissue. Rubbing may increase skin irritation. Symptoms can include irritation, redness, scratching of the cornea, and tearing.
Skin:	Dust or powder may irritate the skin. Mechanical rubbing may increase skin irritation. No components in this product are known to be absorbed through the skin.
Ingestion:	May cause temporary irritation of the throat, stomach, and gastrointestinal tract.
Inhalation:	Dusts from this product may cause irritation of the nose, throat, and respiratory tract. When inhaled in very large amounts, damage to the lung can occur.

**Chronic Effects/  
Carcinogenicity**

IARC:	Not data available
NTP:	Not data available
OSHA:	Not data available

**Teratology (Birth Defects)  
Information**

Not data available

**Reproductive Information**

Not data available

**NFPA Ratings**

Health:	1
Flammability:	0
Reactivity:	0
Special Notice Key:	Not data available

<b>HMIS Rating</b>	Health:	2
	Flammability:	0
	Reactivity:	0
	Protective Equipment:	Safety glasses and gloves.

### Section 3. Chemical Composition and Data on Components

Ingredient	CAS No.	Percent	Hazard Data	
			ACGIH TLV	OSHA PEL
Fused silica	60676-86-0	99	Not data available	Not data available

### Section 4. First Aid Measures

<b>General Advice</b>	If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen.
<b>If Inhaled</b>	Move person to non-contaminated air. Call a physician if symptoms persist.
<b>In Case of Skin Contact</b>	Cuts or abrasions should be treated promptly with thorough cleansing of the affected area.
<b>In Case of Eye Contact</b>	Eye injuries from glass particles should be treated by a physician immediately.
<b>If Swallowed</b>	Seek medical attention if material is ingested.
<b>Indication of Any Immediate Medical Attention and Special Treatment Needed</b>	Not data available

### Section 5. Fire-fighting Measures

<b>General Information</b>	This material will not burn.
<b>Suitable Extinguishing Media</b>	Use methods for the surrounding fire.
<b>Special Hazards Arising from the Substance or mixture</b>	Not data available
<b>Advice for Firefighters</b>	Not data available
<b>Flash Point</b>	Not data available
<b>Autoignition Temperature</b>	Not data available
<b>Further Information</b>	Not data available

### Section 6. Accidental Release Measures

<b>Personal Precautions, Protective Equipment, and Emergency Procedures</b>	Regulations vary. Consults local authorities before disposal. Glass products may be recycled.
<b>Environmental Precautions</b>	Not data available
<b>Methods and Materials for Containment and Cleaning</b>	Wear appropriate equipment and clothing during clean-up. Collect spill using a vacuum cleaner with a HEPA filter. Place in a closed container.
<b>Reference to Other Sections</b>	For disposal, see Section 13.

### Section 7. Handling and Storage

<b>Precautions for Safe Handling</b>	Do not inhale dusts. Avoid contact with skin and eyes. Wash thoroughly after handling. Wear appropriate protective equipment during handling.
<b>Conditions for Safe Storage, Including any Incompatibilities</b>	Store in dry area.
<b>Specific End Use(s)</b>	Apart from the uses mentioned in Section 1, no other specific uses are stipulated.

## Section 8. Exposure Controls and Personal Protection

<b>Components with Workplace Control Parameters</b>	Not data available
<b>Appropriate Engineering Controls</b>	General industrial hygiene practice.
<b>Eye/Face Protection</b>	Wear safety glasses with side shields.
<b>Skin Protection</b>	Wear leather or other appropriate work gloves.
<b>Body Protection</b>	The use of overalls is recommended. Use good hygiene practices when handling this material including changing and laundering work clothing after use.
<b>Respiratory Protection</b>	Not normally needed. If permissible levels are exceeded, use NIOSH-approved dust respirator.
<b>Control of Environmental Exposure</b>	No special environmental precautions required.

## Section 9. Physical and Chemical Properties

<b>Appearance</b>	Form: Intertwined strands; Color: Clear
<b>Odor</b>	Odorless
<b>Odor Threshold</b>	No data available
<b>pH</b>	Not data available
<b>Melting Point/Freezing Point</b>	>1,585 °C
<b>Initial Boiling Point and Boiling Range</b>	Not data available
<b>Flash Point</b>	Not data available
<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	Not data available
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Vapor Pressure</b>	Not data available
<b>Vapor Density</b>	Not data available
<b>Relative Density</b>	Not data available
<b>Water Solubility</b>	Not data available
<b>Partition Coefficient : n-octanol/water</b>	No data available
<b>Auto-ignition Temperature</b>	Not data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available
<b>Other Safety Information</b>	No data available

## Section 10. Stability and Reactivity

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions</b>	Not data available
<b>Conditions to Avoid</b>	Not data available
<b>Incompatible Materials</b>	Not data available

## Section 11. Toxicological Information

<b>Routes of Exposure</b>	<i>On the skin:</i>	May cause irritation
	<i>On the eye:</i>	May cause irritation
	<i>Inhalation:</i>	May cause coughing, nose, throat irritation, and sneezing. Higher exposure may cause difficulty breathing, congestion, and chest tightness.
	<i>Ingestion:</i>	May cause transient irritation of the throat, stomach, and gastrointestinal tract.
<b>Respiratory or Skin Sensitization</b>		Not data available
<b>Signs and Symptoms of Overexposure</b>		Not data available
<b>Toxicity Data</b>	<i>Oral Rat</i>	Not data available

## Section 12. Ecological Information

**General Notes** No ecotoxicity data are available for this product's components.

## Section 13. Disposal Considerations

<b>Product</b>	You must test your waste using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes. Waste must be handled in accordance with all applicable regulations. Glass products may be recycled.
<b>Contaminated Packaging</b>	Not data available

## Section 14. Transport Information

<b>DOT Shipping Name</b>	Non-regulated
<b>UN Proper Shipping Name</b>	Not data available
<b>DOT Hazard Class</b>	Not classified
<b>Packing Group</b>	Not data available
<b>UN Number</b>	Not data available
<b>Hazardous Ingredients</b>	Not data available
<b>DOT Label</b>	Not data available
<b>DOT Placard</b>	Not data available
<b>IMDG Shipping Name</b>	Not data available
<b>UN Number</b>	Not data available
<b>Class</b>	Not data available
<b>Packing Group</b>	Not data available
<b>IATA Shipping Name</b>	Not data available
<b>Technical Shipping Name</b>	Not data available
<b>IATA Hazard Class</b>	Not data available
<b>UN Number</b>	Not data available
<b>Hazardous Ingredients</b>	Not data available
<b>IATA Label</b>	Not data available
<b>IATA Placard</b>	Not data available

## Section 15. Regulatory Information

<b>OSHA Status</b>	Not data available	
<b>TSCA Status</b>	On the inventory list.	
<b>CERCLA Reportable Quantity</b>	Not data available	
<b>SARA Title III</b>	Not data available	
<b>RCRA Status</b>	Not data available	
<b>California Proposition 65</b>	Not data available	
<b>Chemical Weapons Convention</b>	Not data available	
<b>TSCA 12 (b)</b>	Not data available	
<b>SARA 311/312</b>	Acute:	Not data available
	Chronic:	Not data available
	Fire:	Not data available
	Pressure:	Not data available
	Reactivity:	Not data available
<b>Australian Hazchem Code</b>	Not data available	
<b>Poison Schedule</b>	Not data available	
<b>WHMIS</b>	Identified under Canadian Hazardous Products Act Ingredients Disclosure. 1% minimum concentration.	

## Section 16. Other Information

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151 Graham Road  
PO Box 9010  
College Station, Texas  
77842-9010  
(979) 690-1711  
(800) 653-1711 USA/Canada  
FAX (979) 690-0440  
www.oico.com  
E-mail: OI-Mail@XylemInc.com