


<b>Material Safety Data Sheet</b>	<b>U.S. Department of Labor</b>			
May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.	Occupational Safety and Health Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072			
<b>IDENTITY</b> <b>SpectrumStone</b> <b>Recycled</b> <b>Glass</b> <b>Surfaces</b>	<p>Note:</p> 			
<b>Section I</b>				
<b>SpectrumStone</b>	Emergency Telephone Number		<b>(718) 624-4900</b>	
	Date Prepared		<b>Jan 3, 2024</b>	
	Signature of Preparer <i>(optional)</i>			
<b>Section II—Hazardous Ingredients/Identity Information</b>				
Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>POLYESTER RESIN (7-13%)</b>				
<b>TITANIUM OXIDE (&lt;5%) (CAS # 13463-67-7).</b>			<b>15 mg/m3 total dust</b>	
<b>CRYSTALLINE SILICA (&lt;35%) (CAS # 14808-60-7)</b>			<b>25 mg/m3 respirable dust</b>	
<b>INCLUDING CRISTOBALITE (CAS # 14464-46-1)</b>			<b>25 mg/m3 respirable dust</b>	
<b>SILICA GLASS (&lt;75%) (CAS # 60676-86-0)</b>			<b>20 mppcf or 80 mg/m3</b>	

**Section III—Physical/Chemical Characteristics**

Boiling Point	<b>N/A</b>	Specific Gravity (H <sub>2</sub> O = 1)	
Vapor Pressure (mm Hg)	<b>N/A</b>	Melting Point	<b>N/A</b>
Vapor Density (AIR = 1)	<b>N/A</b>	Evaporation Rate (Butyl Acetate = 1)	<b>N/A</b>
Solubility in Water	<b>Insoluble</b>		
Appearance and Odor	<b>Multi Colored Solid Slabs</b>		

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
<b>450 Degrees Celsius</b>	<b>None</b>		
Extinguishing Media	<b>None</b>		
Special Fire Fighting Procedures	<b>Water, CO2, Fire Extinguishing Foam OSHA approved Dry Foam</b>		
Unusual Fire and Explosion Hazards	<b>None</b>		
1985	OSHA 174 Sept.		

**Section V—Reactivity Data**

Stability		Conditions to Avoid
<b>Stable</b>		
Incompatibility ( <i>Materials to Avoid</i> )	<b>Hydrofluoric acid</b>	
Hazardous Decomposition or Byproducts	<b>Thermal decomposition may release metal oxides, mica, hydrocarbons, carbon monoxide, carbon dioxide particles or fumes.</b>	
Hazardous Polymerization		Conditions to Avoid
<b>Will Not Occur</b>		

**Section VI—Health Hazard Data**

Route(s) of Entry - <b>Inhalation, Ingestion from dust resulting cutting, grinding, sawing, polishing</b>	Inhalation: <b>Dust caused by dry cutting and dry polishing, sawing, grinding, and drilling</b>	Skin: <b>None</b>	Ingestion: <b>Unlikely</b>
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Health Hazards (*Acute and Chronic*) - **Potential health effects may vary depending on the duration and degree of exposure. Refer to Section VIII - Control Measures for protections against chronic exposure effects.**

*Eye contact* - **Prolonged exposure to dust may cause irritation and inflammation of the eye. Contact with large amounts of dust and/or fragments may cause significant irritation and damage. Please refer to Section VIII for personal protection.**

*Skin Contact* -

*Ingestion* - **Ingesting dust may cause stomach pain and other symptoms.**

*Inhalation* - **Breathing in dust may cause irritation to the respiratory tract (nose, throat, and mouth). Prolonged inhalation may cause lung damage and other respiratory tract conditions, including silicosis. Refer to Section VIII for personal protection.**

Carcinogenicity <b>Crystalline Silica/ Cristobailite/ Titanium Oxide As Respirable Dust - IARC-1, NIOSH-Ca CA, IARC-2B, NIOSH-Ca</b>	NTP? <b>N/A</b>	IARC Monographs? <b>N/A</b>	OSHA Regulated?
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Signs and Symptoms of Exposure - **Irritation to the respiratory tract (nose, throat, and mouth)**

Medical Conditions  
Generally Aggravated by Exposure - **Pre-existing conditions of the respiratory tract, lungs, eye, and skin may be aggravated by exposure to dust.**

Emergency and First Aid Procedures - **In case of significant skin irritation, contact a doctor right away. In case of prolonged inhalation, seek a well ventilated area. If irritation persists contact a doctor right away. In case of eye irritation, rinse with clean water. If irritation persists contact a doctor right away.**

**Section VII—Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled

**If material breaks, sweep and/or vacuum to prevent dust formation. Ventilate adequately should dust form in an indoor environment, and if necessary use OSHA approved personal protection equipment such as respirators, protective eyewear, gloves.**

Waste Disposal Method

**Collect and store waste material in an isolated and well ventilated area. Dispose of waste material appropriately as per local, state, and federal regulations.**

Precautions to Be Taken in Handling and Storing

**Store slabs upright in a dry area and above freezing temperatures. Do not store outside.**

Other Precautions

**Section VIII—Control Measures**

Respiratory Protection - **Use OSHA/NIOSH approved respirators for organic vapors and dust.**

Ventilation	Local Exhaust - <b>Yes</b>	Special
<b>Use ventilation exhaust or a well ventilated area.</b>	Mechanical (General)	Other
Protective Gloves - <b>Wear OSHA approved gloves.</b>	Eye Protection - <b>Wear OSHA approved safety goggles only, with side shields to protect against exposure from the sides.</b>	

Other Protective Clothing or Equipment - **Wear long sleeves, long pants, and other protective clothing to prevent contact of dust and particles with skin, while cutting or polishing.**

Work/Hygienic Practices - **Wash exposed skin with soap after working.**