First Aid (Emergency Procedures) Eye Contact: Wash with soap and water. If irritation persists see a physician. Inhaled: Remove to fresh air at once. Apply artificial respiration if breathing difficulties. Swallowed: Give one or two glasses of water. If discomfort persists see a physician. Suspected Cancer Agent: Yes Federal OSHA: No NTP: YES*	PROLONGED INHALATION OF RESPIRABLE SILICA MAY RESULT IN PERMANENT LUNG DAMAGE: SILICOSIS Symptoms of Overexposure Inhaled: Shortness of Breath, coughing, reducing pulmonary function. Contact with Eyes or Skin: Eye irritation. Swallowed: May cause astrointestinal discomfort.	Flash Point: Dees not riash Andro-grittion reinperature: None Flammable Limits in Air: None Fire extinguishing Materials: Non Combustible. May be used to extinguish fires. Unusual Fire Fighting Procedures: None. Unusual Fire and Explosion Hazard: None V - Health Hazard Information	le 9 1730°C IV - Fire	Remaining composition of material is naturally occurring, non-hazardous materials. NIOSH recommends a Permissible Exposure Limit (PEL) of 0.05 mg/m- respirable free silica. III - Physical Properties	II - Hazardous Ingredients CAS Number: 14808-60-7 Chemical Name: Quartz Percent >90 ACGIH-TLV: 0.1 mg/m³ OSHA-PEL: 0.1 mg/m³	I - Product Identification #155 Trade name as labeled: Silica or Lake Sand. All Grades. Chemical Name and Formula: Silica, mainly in the form of quartz, SiO.	
---	---	---	--------------------------------	--	--	---	--

and there is limited evidence of carcinogenicity of crystalline silica to humans. concludes that there is a limited evidence for the carcinogenicity of crystalline silica to experimental animals, \*\*IARC: Monograph's on their evaluation of the carcinogenic Risk of Chemicals to Humans (vol. 42, 1987) \*NIP: Respirable Crystalline Silica has been listed in the 6th annual report on Carcinogens.

Incompatibility (Materials to avoid): CIF<sub>3</sub>, MnF<sub>3</sub>, OF<sub>2</sub> Hazardous Polymerization: \_\_\_\_\_ May Occur <u>X</u> Stability: XX Stable \_ \_Unstable May Occur XX Will Not Occur VI - Reactivity Data

Hazardous Decomposition Products: None

VII - Spill, Leak and Disposal Procedures

Waste Disposal of in facility approved for silica. methods (water or vacuum) to minimize generation of respirable silica particles. Spill response Procedures (including employee protection measures): Clean up using approved dustless

VIII - Special Handling Information

Other Handling and Storage Requirements: Avoid generating dust. No special storage requirements. Train all Work Practices, Hygienic Practices: Clean up spills promptly. Do not engage in activities that will generate Eye Protection (type): Safety Glasses. Respiratory Protection (type): Use NIOSH approved equipment. Ventilation and Engineering Controls: Local Mechanical to reduce respirable silica to below safe levels. respirable silica particles. Gloves (specify Material): Not normally required. Positive pressure supplied-air type recommended.

must be used. Warm your employees (and your customer Users in case of resale) by posting and other means of the hazard and OSHA precautions to be used. Provide training about the OSHA precautions. "right to know" laws and regulations. We recommend that smoking be prohibited in all areas where respirators See OSHA hazard communication Rule CFR 1910. 1200, 1915.99, 1928.21 state, local worker, or community

exposed persons in all sections of this M.S.D.S and the proper handling of silica before they work with this

product.

2	2
	<ul> <li>Information</li> </ul>

	H.M.I.S Ratir
т	ğ
æ	
<u>a</u>	
5	
T.	
8	
N	
8	
à	
-	

Č.	T
Dopotivity Uppord Dating	Flammability Hazard Rating
ţ.	Ē
ł	ab
Ē	Ē
2	÷
į	a
2	za
5	a
5	R
2	Į.
	g

Personal Protective Equipment

\*Chronic exposure to respirable size silica will result in silicosis.

\*\*Comply with special OSHA respiratory protection if sandblasting.

Prepared By: Edward Clements

Wedron Silica

SARA TITLE III: Not listed D.O.T: Not Regulated

m\_ o o →

Reactivity Hazard Rating