

Material Safety Data Sheet

U.S. Department of Labor



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

IDENTITY <i>(As Used on Label and List)</i>	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
SRI Supreme	

Section I

Manufacturer's Name Silica Resources, Inc.	Emergency Telephone Number (530) 741-0290
Address <i>(Number, Street, City, State, and ZIP Code)</i>	Telephone Number for Information (916) 652-1704
4553 Hammonton Road	Date Prepared 8/30/90
Marysville, CA 95901	Signature of Preparer <i>(optional)</i>

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% <i>(optional)</i>
<u>Common Names</u>		<u>Ingredients</u>		
Natural alluvial sand		Quartz- SiO ₂		
and gravel.		Feldspars-Ca, K, Na, Al.SiO ₂		
Refers to the following:				
Products listed as SRI Supreme and/or grades: 3/4, 5/8,				
1/2, 1/4, #4, #6, #8, #12, #16, #20, #30, #60, #80,				
4 X 50, Root zone, Top Dressing, Bunker Sand, Play Sand,				
Masonry, Plaster Sand, 1/8th Washed, .45-.55, Davis, or				
blends.				
/				

Section III - Physical / Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	2.65
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Negligible			
Appearance and Odor Granular, crushed or ground. No odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	None	Flammable Limits	None	LEL	UEL
Extinguishing Media No fire or explosive hazard.					
Special Fire Fighting Procedures None, may be used to extinguish fire.					
Unusual Fire and Explosion Hazards None					

(Reproduce locally)

OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	
Incompatibility (Materials to Avoid) N/A			
Hazardous Decomposition or Byproducts N/A			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Yes	Skin?	No	Ingestion?	Unknown	
Health Hazards (Acute and Chronic) <u>Silicosis</u> -Prolonged inhalation of <u>of respirable silica (dust)</u> may result in permanent lung damage. To prevent its occurrence, dust levels must be monitored and personnel exposed to <u>respirable silica</u> at/or above the permitted exposure level, <u>MUST</u> wear OSHA approved respirators.							
Carcinogenicity:	Yes	NTP?	Yes	IARC Monographs?	Yes	OSHA Regulated?	NO

Section VI - Health Hazard Data (Cont.)

There is sufficient evidence of the carcinogenicity of inhaled crystalline silica to humans.	
Signs and Symptoms of Exposure Coughing, shortness of breath, reduced pulmonary function.	
Effects may be delayed, the disease usually being contracted over an extended period of exposure.	
Medical Conditions	Contact with skin or eyes: Irritation
Generally Aggravated by Exposure	Absorbed through skin: Not Applicable
All other pulmonary medical conditions are aggravated by exposure to <u>respirable</u> quartz.	
Emergency and First Aid Procedures	Eye contact: Flush with water for 15 minutes. Skin contact: Wash with soap and water. Inhaled:
Removed to fresh air at once. Apply artificial respiration if breathing has stopped. Seek medical attention.	

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Clean up by recommended dustless methods (water or vacuum) to minimize generation of airborne respirable dust. Do not exceed OSHA TLV Standard (1910.1000 Table Z-3)	
Waste Disposal Method Any approved solid waste disposal. Do not exceed OSHA TLV Standard. SiO ₂ not listed as hazardous waste under 40 CFR Part 261 EPA Hazardous Waste Regulations.	
Precautions to Be taken in Handling and Storing Use dustless systems for handling, storage and clean-up, so that exposure does not exceed TLV established by OSHA 1910.1000.	
Other Precautions Practice good housekeeping, maintain ventilation system, post warning to employees where product is used, stored and handled as per section VI of this form.	

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>) See OSHA 29 CFR 1910.134, ANSI Z88, 2-1969. NIOSH approved respirators only.		
Ventilation	Local Exhaust ANSI Z9,2-1960	Special Abrasive Blasting OSHA 1910.94(a)
	Mechanical (<i>General</i>) ACGTH Industrial Ventilation	Other
Protective Gloves	Optional	Eye Protection Safety goggles Recommended
Other Protective Clothing or Equipment As required to meet applicable OSHA 1910.1000		
Work/Hygienic Practices N/A		