

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

Identity (As used on Label and List): **Specialty Sand Blasting Sand with Dust
Suppressant**

Section I - Manufacturer Information	
Manufacturer's Name: Specialty Sand Company	Emergency Telephone Number: (979) 234-5583
Address (Number, Street, City, State and Zip Code): 600 Parker Road Eagle Lake, TX 77434	Telephone Number for Information: (409) 234-5583
	Date Prepared: 20-Aug-01
	Signature of Preparer (Optional):

Section II - Hazardous Ingredients/Identity Information				
Hazardous Components (Specific Chemical Identity: Common Name(s))				
CHEMICAL FORMULA: SiO₂				
CAS NUMBER	CHEMICAL NAME	PERCENT %	OSHA PEL	ACGIH TLV
14808-60-7	SiO ₂ (IN VARIANCE OF +2, +3, +5, +10)	99.75%	10mg/M ³	10mg/M ³
			250Mppcf	300Mppcf
			5mg/M ³	5mg/M ³
			15Mppcf	
NUISANCE DUST				
TOTAL DUST			30mg/M ³	30mg/M ³
SILICA IN DUST			15mg/M ³ OR 50Mppcf	10mg/M ³ OR 30Mppcf

Section III - Physical/Chemical Characteristics			
Boiling Point	N/A	Specific Gravity (H ₂ O =1)	2.6g/cc
Vapor Pressure (mmHg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	INSOLUBLE		
Appearance and Odor	WHITE COLORING WITH GLASSY LUSTER, NO ODOR		

Section IV - Fire and Explosion Hazard Data	
Flash Point (Method Used)	N/A
Flammable Limits	N/A
LEL	N/A
UEL	N/A
Extinguishing Media	PRODUCT IS NON-FLAMMABLE AND NON-EXPLOSIVE
Special Fire Fighting Procedures	N/A
Unusual Fire and Explosion Hazards	N/A

Section V - Reactivity Data			
Stability:	Unstable		Conditions to Avoid: NONE
	YES	Stable	X NONE
Incompatibility (Materials to Avoid)	NONE		
Hazardous Decomposition or Byproducts	SHATTERING OF SAND PARTICLES SUCH AS IN SANDBLASTING OPERATIONS WILL PRODUCE A DUST WITH A HIGH INHALABLE SILICA CONTENT		
Hazardous	May Occur		Conditions to Avoid: NONE

Polymerization	Will Not Occur	X	NONE
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Section VI - Health Hazard Data				
Route(s) of Entry:	Inhalation? YES	Skin? NO	Eyes? YES	Ingestion? NO
Health Hazards (Acute and Chronic)	ACUTE - CONGESTION OF NASAL PASSAGES AND RESPIRATORY SYSTEM. CHRONIC - EXCESSIVE EXPOSURE BY INHALATION OF PARTICLES LESS THAN 5um MAY RESULT IN THE DEVELOPMENT OF SILICOSIS.			
Carcinogenicity:	NTP? YES	IARC Monographs? YES		OSHA Regulated? NO
IARC Monographs indicate evidence for the carcinogenicity of inhaled silica in humans.				
Signs and Symptoms of Exposure	OVEREXPOSURE MAY RESULT IN IRRITATION TO EYES, SKIN OR THE RESPIRATORY TRACT.			
Medical Conditions Generally Aggravated by Exposure:	RESPIRATORY DISORDERS OR DISEASES MAY BE AGGRAVATED BY EXPOSURE.			
Emergency and First Aid Procedures	FOR EYE CONTACT - FLUSH WITH WATER. FOR SKIN IRRITATION - WASH WITH SOAP AND WATER. FOR INHALATION EXPOSURE - MOVE TO FRESH AIR. FOR INGESTION - RINSE MOUTH WITH WATER.			

Section VII - Precautions for Safe Handling and Use
<p>Steps to Be Taken in Case Material is Released or Spilled:</p> <p>WEAR PROPER PROTECTIVE EQUIPMENT MEETING OSHA 29 CFR 1910.134 TO AVOID EXPOSURE TO MATERIAL. POSSIBLE RESPIRATORY DISORDERS OR DISEASES MAY BE AGGRAVATED BY EXPOSURE TO NUISANCE DUST GENERATED DURING HANDLING OR USE. SPILLED MATERIAL SHOULD BE SWEEPED OR VACUUMED INTO APPROPRIATE CONTAINERS.</p>
<p>Waste Disposal Methods:</p> <p>IF THIS MATERIAL, AS PROVIDED BY THE MANUFACTURER, BECOMES A WASTE, IT DOES NOT MEET THE CRITERIA OF A HAZARDOUS WASTE AS DEFINED BY THE EPA UNDER THE AUTHORITY OF THE RCRA (40 CFR 261).</p>
<p>Precautions to Be Taken in Handling and Storing:</p> <p>SHOULD BE STORED IN A MANNER TO PREVENT ACCUMULATIONS OF AIRBORNE DUST</p> <p>Other Precautions:</p> <p>NONE</p>

Section VIII - Control Measures

Respiratory Protection (Specify Type):
USE ONLY RESPIRATORS THAT MEET NIOSH AND MSHA STANDARDS UNDER 30 CFR PART III.

Ventilation:
YES

Local Exhaust:
**PROVIDE ENOUGH VENTILATION TO
MAINTAIN EXPOSURE BELOW TLV/PEL**

Special:
NONE

Protective Gloves:
TO PROTECT FROM ABRASION.

Eye Protection:
**SAFETY GLASSES, GOGGLES, OR FACE
SHIELD WHEN NECESSARY, TO PREVENT
EYE INJURY.**

Other Protective Clothing or Equipment:
NONE

Work/Hygienic Practices:
ALWAYS CLEAN PERSONAL EQUIPMENT AS RECOMMENDED BY MANUFACTURER.

*This Material Safety Data Sheet has been modified to fit the screen