

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29CFR 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) **ULTRASORB, OPTISORB,
248, MP FINES and FLOSAFE**

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.

Section I

Manufacturers Name

MOLTAN COMPANY

Emergency Telephone Number

1-901-755-5666

Address (Number, Street, City, State, and ZIP CODE)

3555 Moltan Drive

Telephone Number for Information

1-800-264-5826

Date Prepared

March 1, 1994

Memphis, TN 38115

Signature of Preparer (Optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	Approximate Concentration %	OSHA TWA	ACGIH TLV	Other Limits Recommended
Silica, Amorphous CAS No. 61790-53-2	>98.0%	6.0 mg/ m ³	6.0 mg/ m ³	
Silica, crystalline (quartz) CAS No. 14808-60-7	<1.0%	0.10 mg/m ³	0.10 mg/m ³	
Silica, crystalline (cristobalite) CAS No. 14464-46-1	<1.0%	0.05mg/m ³	0.05mg/m ³	

*Weight percent by bulk testing, using X-Ray Diffraction.

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	2.0-2.2
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	2.0%		
Appearance and Odor	Buff to off-white, odorless; granular.		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Non-flammable	Flammable Limits	Non-flammable	LEL	N/A	UEL	N/A
Extinguishing Media	Not Applicable (also meant when N/A is used elsewhere)						
Special Fire Fighting Procedures	None						
Unusual Fire and Explosion Hazards	None						

OSHA 174, Sept.1985

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	
	Stable	X	None

Incompatibility (Materials to Avoid) **Hydrofluoric Acid**

Hazardous Decomposition or Byproducts **None**

Hazardous Polymerization	May Occur	Conditions to Avoid	
	Will Not Occur	X	None

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? **YES** Skin? **No** Ingestion? **No**

Health Hazards (Acute and Chronic) **Chronic: Years of continuous exposure above the TWA/PEL may cause silicosis. IARC has classified crystalline silica as a probable carcinogen based on limited human evidence.**

Carcinogenicity NTP? **Respirable** IARC Monographs? **2A** OSHA Regulated? **Yes**

Signs and Symptoms of Exposure **Breathing of dust can cause cough and shortness of breath.**

Medical Conditions
Generally Aggravated by Exposure **Asthma or other airway disease.**

Emergency and First Aid Procedures **If symptoms occur, remove to fresh air and consult physician.**

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled: **Use clean-up procedures suitable for any inert dry product, i.e. sweep-up or vacuum. If spill is on a wet, oily or icy surface, personal safety may be enhanced by leaving the spilled material to absorb liquids and to improve traction. Avoid creating dust.**

Waste Disposal Method :
If liquids have been absorbed, dispose in accordance with current Federal, State or local laws for the mixture.

Precautions to Be Taken in Handling and Storing :
Store in a dry covered area. When dispensing, control airborne concentrations or use respiratory protection.

Other Precautions **None**

Section VIII - Control Measures

Respiratory Protection (Specify Type) **Use NIOSH approved dust respirator when excessive dust concentrations are evident.**

Ventilation	Local Exhaust YES	Special None
	Mechanical (General) N/A	Other None

Protective Gloves **None** Eye Protection **Minimum - Safety Glasses**

Other Protective Clothing or Equipment **None**

Work/Hygienic Practices **Minimize dust when using**

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