

Wilcox Paper Co.

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**MOLTAN**  
CO.

# MATERIAL SAFETY DATA SHEET

(Required under OSHA 29 CFR 1910.1200)

PREPARATION DATE December 16, 1986

3555 MOLTAN DRIVE • MEMPHIS, TN 38115 • (901) 755-5666 • Toll Free (800) 238-0364

## I. NOMENCLATURE

CHEMICAL NAME: (CAS #7631-86-9), O<sub>2</sub>Si  
diatomaceous earth

TRADE NAME: ULTRASORB, and  
DIATOMITE SAFETY ABSORBENT

CHEMICAL FAMILY - Mineral

CHARACTERISTICS: Product is 100% dried, kiln-fired and ground natural diatomaceous earth

## II. HAZARDOUS INGREDIENTS

NOTE: This product has been manufactured and screened to eliminate all but a small portion of dust which can become airborne and be breathed. This respirable dust is predominantly harmless except as an irritant to eyes and mucous membranes. It does, however, contain free crystalline silica in trace amounts when airborne, which warrants its classification as a hazardous chemical and determines its TLV.

OSHA (and AGCIH) Threshold Limit Value (TLV):  
1.25 mg/ m<sup>3</sup> respirable dust

Its contents contain **NO** carcinogens listed in NTP, IARC or OSHA publications, and **NO** toxic chemicals.

## III. PHYSICAL DATA

Boiling Point (°F)	N/A	Specific Gravity (H <sub>2</sub> O = 1)	2.2
Vapor Pressure (mmAg.)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate	N/A
Solubility in Water	<2.0%		
Appearance and Odor: White to light gray; odorless; granular			

## IV. FIRE AND EXPLOSION HAZARD DATA

## V. HEALTH HAZARD DATA

Threshold Limit Value: See Section II.

Effects of Overexposure:	Type	First Aid Procedures:
Years of longterm exposure to respirable silica above the TLV may produce pneumoconiosis in susceptible persons. May irritate nasal passage.	INHALATION	Remove to fresh air.  Remove to fresh air.
No adverse effects likely.	INGESTION	In case of significant amounts, induce vomiting to purge.
No adverse effects likely.	SKIN	If irritating to unprotected sore or tender skin, wash with soap and water.
May irritate eyes.	EYES	Irrigate immediately with plenty of water. DO NOT rub eyes. Obtain Medical attention if necessary.

## VI. REACTIVITY DATA

Stability:	Stable	X	Conditions to Avoid: NONE. Under some conditions, combinations with certain solvents may increase temperature slightly. No Hazard.
	Unstable		
Incompatibility (Materials to Avoid):	Hazardous Decomposition Products:		
NONE	NONE		
Hazardous Polymerization:	May occur		Conditions to Avoid:
	Will Not Occur	X	NONE

## VII. SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Use cleaning procedures suitable for any inert dry product. If spill is on a wet, oily or icy surface, personal safety may be enhanced by leaving the spilled material to absorb water or oil and to improve traction.

Waste disposal method:

Dispose in accordance with state or local laws.

## VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection:

NIOSH-approved dust respirator when large quantities used.

Ventilation: None required other than than normal.	Local Exhaust	NONE	Special	NONE
	Mechanical (General)	NONE	Other	NONE
Protective Gloves: None Required	Eye Protection: Minimum-Safety glasses			
Other Protective Equipment	NONE			

## IX. SPECIAL PRECAUTIONS

Handling and Storing:

Store in dry area.

Other:

NONE

Dot Class:

NON-HAZARDOUS

Judgements as to the suitability of information herein for purchaser's purposes are necessarily purchaser's responsibility. Therefore, although reasonable care has been taken in the preparation of such information MOLTAN COMPANY extends no warranties, makes no representations, and assumes no responsibility as to accuracy or suitability of such information for application to purchaser's intended purposes.

SIGNED: **MOLTAN COMPANY**

BY: *J. K. Fenn*

TITLE: **Administrative Vice President**

(This form contains all OSHA Form 20 data)