

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)

Bentonite Products / Montmorillonite Clay

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

Manufacturer's Name Milwhite, Inc.	Emergency Telephone Number 956/547-1984	
Address (Number, Street, City, State and ZIP Code) 5487 South Padre Island Hwy	Telephone Number for Information 956/547-1984	Fax Number 956/5471996
Brownsville, TX 78521	Date Prepared 05/31/2004	
CAS No. 1302-78-9	Signature of Preparer (optional)	

Section II—HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

<i>Hazardous Components (Specific Chemical Identity, Common Name(s))</i>	<i>OSHA PEL</i>	<i>ACGIH TLV</i>	<i>Other Limits Recommended</i>	<i>% (Optional)</i>
Silica, crystalline (Quartz) [14808-60-7]	0.1m g/m ³ Respirable	0.05 mg/m ³ Respirable	N/A	> 1%

Section III—PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H₂O = 1)	2.50
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	Insoluble		
Appearance and Odor	Buff to tan powder. Odorless		

Section IV—FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) Non-Flammable	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media	N/A		
Special Fire Fighting Procedures	None		
Unusual Fire and Explosion Hazards	None		

(Reproduce locally)

OSHA 174 Sept. 1985

BENTONITE

Section V—REACTIVITY DATA				
Stability	Unstable		Conditions to Avoid None	
	Stable	X		
Incompatibility (Materials to Avoid)		None		
Hazardous Decomposition or Byproducts		None		
Hazardous Polymerization	May Occur		Conditions to Avoid None	
	Will Not Occur	X		
Section VI—HEALTH HAZARD DATA				
Route(s) of Entry	Inhalation?	Skin?	Ingestion?	
	Yes	No	Yes	
Health Hazards (Acute and Chronic) Repeated inhalation over extended period of any dust, including Bentonite, in excess of TLV may result in lung injury.				
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?	
	N/A	N/A	N/A	
Signs and Symptoms of Exposure:		Medical Conditions generally Aggravated by Exposure:		
None visual		Not known.		
Emergency and First Aid Procedures: No special first aid required.				
Section VII—PRECAUTIONS FOR SAFE HANDLING AND USE				
Steps to Be Taken in Case Material Is Released or Spilled: Material may be swept or scooped into container for disposal. Avoid creating dust.				
Waste Disposal Method: Material as shipped may be disposed of in sanitary landfill or in accordance with federal, state and local regulations.				
Precautions to be Taken in Handling and Storing:				
Avoid unnecessary product agitation to keep dust level as much below TLV as possible.				
Other Precautions: None				
Section VII—CONTROL MEASURES				
Respiratory Protection (Specify Type): NIOSH / MSHA approved respirator				
Ventilation	Local Exhaust	Yes	Special	N/A
	Mechanical (General)	N/A	Other	Dust Collectors
Protective Gloves		None	Eye Protection	Goggles to prevent dust in eyes
Other Protective Clothing or Equipment: None				
Work/Hygienic Practices:		None		