

Thrifty Sorb Oil Absorbent
MATERIAL SAFETY DATA SHEET

Section I:	Manufacturer Moltan Company 7125 Riverdale Bend Road Memphis, TN 38125-4442	Customer Service: Extension 113 Phone: 800-264-5826 901-755-5666 Fax: 901-757-0546	
Material Name: Thrifty Sorb Oil Absorbent			
Chemical Name: Montmorillonite		Prepared: July 13, 2007	
Section II: Hazardous Ingredients/Identity Information			
<u>Ingredient</u>	<u>CAS Number</u>	<u>Approx. %</u>	<u>Exposure Limit</u>
Montmorillonite Clay, Calcined	70892-59-0	87-90	PEL: 5mg/m ³ TWA respirable fraction TLV: 3mg/m ³ TWA respirable fraction TLV: 10mg/m ³ TWA inhalable fraction
Crystalline Silica (Quartz) .0008% Respirable	14808-60-7	7-10	PEL:10mg/m ³ /%SiO ₂ +2TWA TLV: 0.1mg/m ³ TWA
Crystalline Silica (Cristobolite)	14464-46-1	< 3	PEL: 5mg/m ³ /%SiO ₂ +2TWA TLV: 0.05mg/m ³ TWA
Section III: Physical/Chemical Characteristics			
Boiling Point	N/A	Specific Gravity (Water=1)	2.2
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate	N/A
Solubility in Water	<1.0%	Appearance & Odor: Tan to gray odorless solid	
Section IV: Fire & Explosion Hazard Data			
Flash Point	N/A	Flammable Limits	N/A
Extinguishing Media	N/A	LEL N/A	UEL N/A
Special Fire Fighting Procedures: None		Unusual Fire & Explosion Hazards: None	

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Section V: Reactivity Data

Stability: Stable Hazardous Polymerization: Will not occur
Hazardous decomposition products: None
Incompatibility: Unsaturated organic compounds, such as turpentine and vegetable oil, and hydrofluoric acid, may generate heat upon mixing with dry clay.

Section VI: Health Hazard Data

Routes of Entry Inhalation? Yes Skin? No Ingestion? No
Health Hazards (Acute & Chronic) Chronic: Years of exposure above the TWA/PEL may cause silicosis.
IARC has classified crystalline silica as a (Group 1) carcinogen.
Carcinocity: NTP? Respirable IARC Monographs? 68 OSHA Regulated? Yes
Signs & Symptoms of Exposure: Cough and shortness of breath
Medical Conditions Aggravated by Exposure: Asthma and other preexisting respiratory and lung diseases
Emergency & First Aid Procedures: If symptoms occur, remove to fresh air.

Section VII: Precautions for Safe Handling & Use

In Case of Release or Spill: Sweep up and reuse or dispose in sanitary landfill
Storing & Handling Precautions: None Other Precautions: None

Section VIII: Control Measures

Respiratory Protection Use NIOSH approved dust mask when high dust levels are present.
Ventilation: Local Exhaust Yes Special None
Mechanical N/A Other None

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Protective Gloves	None	Eye Protection	Safety glasses
Other Protection	None	Work/Hygienic Practices	Minimize dust

Section IX: Other Information

NFPA Rating: Health=1, Fire=0, Reactivity=0

HMIS Rating: Health=1, Fire=0, Reactivity=0

TSCA: All product components are listed on the EPA TSCA or exempt from notification requirements.

Canadian DSL: All product components are listed on the Canadian Domestic Substance List or exempt from notification requirements

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