

MATERIAL SAFETY DATA SHEET

Section I:	<u>Manufacturer</u> Moltan Company 7125 Riverdale Bend Road Memphis, TN 38125-4442	<u>Customer Service: Extension 113</u> Phone: 800-264-5826 901-755-5666 Fax: 901-757-0546
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Material Name: Safe T Sorb

Chemical Name: Montmorillonite

Prepared: May 23, 2006

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

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 probable 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

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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