

MATERIAL SAFETY DATA SHEET**Section I: Manufacturer**

Moltan Company
7125 Riverdale Bend Road
Memphis, TN 38125-4442

Customer Service: Extension 149

800-264-5826 • 901-755-5666
Fax • 901-757-0546

Material Name: SelectSorb Oil Absorbent

Prepared: December 1, 2004

Chemical Name: Kieselguhr, Diatomite**Section II: Hazardous Ingredients/Identity Information**

<u>Ingredient</u>	<u>CAS Number</u>	<u>Approx. %</u>	<u>Exposure Limit</u>
Diatomaceous Earth	61790-53-2	99.00	10mg/m ₃ (total dust) 3mg/m ₃ (respirable dust)
Crystalline Silica (Quartz)	14808-60-7	<1	PEL: 5mg/m ₃ % SiO ₂ +2TWA TLV: 0.1mg/m ₃ TWA
Cristobolite	14464-46-1	<1	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)	2.22
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate	N/A
Solubility in Water	<2.0%	Appearance & Odor:	Tan to white, odorless, granular

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: Hydrofluoric acid may react violently with the product.

MATERIAL SAFETY DATA SHEET**Section VI: Health Hazard Data**

Routes of Entry: Inhalation? Yes Skin? No Ingestion? No

Health Hazards: Chronic: Years of exposure above the TWA/PEL may cause silicosis.
(Acute & Chronic) IARC has classified crystalline silica as a probable carcinogen.

Carcinogenic: 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

8.1 Engineering Controls: Control dust to within the ACGIH-TLV with local ventilation.

8.2 Occupational exposure limits: EXPOSURE LIMITS TABLE

ACGIH TLV

Diatomaceous Earth < 1% crystalline silica	10 mg/m ₃ (total dust)
	3 mg/m ₃ (respirable dust)

8.3 Personal Protective Equipment:

Respiratory: Respirators fitted with filters certified to NIOSH (US) standard 42CFR84 under series N95 should be worn when airborne dust is present.

Skin: Not normally necessary

Eye Protection: Safety glasses

Face: Not normally necessary

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.

This information is believed to be accurate. The Moltan Company makes no warrant, expressed or implied, and assumes no responsibility as to the accuracy or suitability of this information for application to user's intended purposes or consequences of its use.