

## 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\_ (total dust)

3 mg/m\_ (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 Molten 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.*

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**Section I: Manufacturer**

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

**Customer Service: Extension 113**

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**Material Name:** UltraSorb Oil Absorbent

Prepared: May 24, 2006

**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 <sub>3</sub> (total dust) 3mg/m <sub>3</sub> (respirable dust)
Crystalline Silica (Quartz) .0005% respirable	14808-60-7	<1	PEL: 5mg/m <sub>3</sub> % SiO <sub>2</sub> +2TWA TLV: 0.1mg/m <sub>3</sub> TWA
Cristobolite	14464-46-1	<1	PEL: 5mg/m <sub>3</sub> % SiO <sub>2</sub> +2TWA TLV: 0.05mg/m <sub>3</sub> 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
Special Fire Fighting Procedures:	None	UEL	N/A
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.

