

**Thrifty Sorb Oil Absorbent**  
**MATERIAL SAFETY DATA SHEET**

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| <b>Section I: <u>Manufacturer</u></b><br><b>Moltan Company</b><br><b>7125 Riverdale Bend Road</b><br><b>Memphis, TN 38125-4442</b> | <b><u>Customer Service: Extension 113</u></b><br><b>Phone: 800-264-5826</b><br><b>901-755-5666</b><br><b>Fax: 901-757-0546</b> |
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**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 <sup>3</sup> TWA respirable fraction<br>TLV: 3mg/m <sup>3</sup> TWA respirable fraction<br>TLV: 10mg/m <sup>3</sup> TWA inhalable fraction |
| Crystalline Silica (Quartz)<br>.0008% Respirable | 14808-60-7        | 7-10             | PEL: 10mg/m <sup>3</sup> /%SiO <sub>2</sub> +2TWA<br>TLV: 0.1mg/m <sup>3</sup> TWA  |
| Crystalline Silica (Cristobolite)                | 14464-46-1        | < 3              | PEL: 5mg/m <sup>3</sup> /%SiO <sub>2</sub> +2TWA<br>TLV: 0.05mg/m <sup>3</sup> 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 |         |

## Thrifty Sorb Oil Absorbent

### 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.

Carcinocyt: 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

## Thrifty Sorb Oil Absorbent

|                   |      |                         |                |
|-------------------|------|-------------------------|----------------|
| 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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