

MATERIAL SAFETY DATA SHEET

Section I: <u>Manufacturer</u>		<u>Customer Service:</u>	
<u>Extension 113</u>			
Moltan Company LP 7125 Riverdale Bend Road Memphis, TN 38125-4442		800-264-5826 • 901-755-5666 Fax • 901-757-0546	
Material Name: ThoroughBed		Prepared: March	
2, 2007			
Chemical Name: Zeolite, Mordenite			
Section II: <u>Hazardous Ingredients / Identity Information</u>			
<u>Ingredients:</u>	<u>CAS No.</u>	<u>Approx %</u>	<u>Exposure</u>
<u>Limit</u>			
Natural Zeolite var Mordenite	12445-20-4	85	PEL: 6.0mg/m ³ TWA TVL: 6.0mg/m ³ TWA
Sodium Aluminosilicate			
Silica Crystalline (Cristobalite) SiO ₂ TWA	14464-46-1	<1.00	PEL: 5mg/m ³ %
Inert ingredients	<15.00		TVL: 0.05mg/m ³ TWA
Section III: <u>Physical / Chemical Characteristics</u>			
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 – buff to off white, odorless, granular		
Section IV: <u>Fire & Explosion Hazard Data</u>			
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 Decomposition Products: None Hazardous Polymerization: Will not occur

Incompatibility: Hydrofluoric acid may react violently with this product.

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 (Group 1) 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

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

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 Canadian Domestic Substance List or exempt from notification requirements.

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