

MATERIAL SAFETY DATA SHEET

Section I: <u>Manufacturer</u> Moltan Company 7125 Riverdale Bend Road Memphis, TN 38125-4442	<u>Customer Service: Extension 234</u> Phone: 800-264-5826 901-755-5666 Fax: 901-757-0546
--	--

Material Name: M.A.X.-DRI

Chemical Name: Montmorillonite

Prepared: September 15, 2008

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 TWAP/EL 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

M.A.X.-DRI

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

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.