

71210

Montmorillonite

FILE COPY**Material Safety Data Sheet**

ZORBAU

Section I: Manufacturer

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

Phone: 800-264-5826
901-755-5666
Fax: 901-757-0546

Material Name: Safety Absorbent, Plus, Natural Binder, Product G, Oil Absorbent 448

Chemical Name: Montmorillonite

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Section II: Hazardous Ingredients/Identity Information

<u>Ingredient</u>	<u>CAS Number</u>	<u>Approx. %</u>	<u>Exposure Limit</u>
Montmorillonite	1302-78-9	87	PEL: 5mg/m ³ TWA respirable fraction TLV: 10mg/m ³ TWA respirable fraction
Crystalline Silica (Quartz) 3-4% Respirable	14808-60-7	10	PEL: 5mg/m ³ TWA inhalable fraction TLV: 0.1mg/m ³ TWA
Crystalline Silica (Cristobolite)	14464-46-1	3	PEL: 5mg/m ³ TWA 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, may generate heat upon mixing with the product; and hydrofluoric acid may react violently with the product.		

Montmorillonite**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 probable carcinogen.		
Carcinocity: 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	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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