

MATERIAL SAFETY DATA SHEET

Section I: Manufacturer
Moltan Company
7125 Riverdale Bend Road
Memphis, TN 38125-4442

Customer Service:
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Material Name: Soil Amendment

Chemical Name: Montmorillonite

Prepared: December 15, 2009

Section II: Hazardous Ingredients/Identity Information

| <u>Ingredient</u> | <u>CAS Number</u> | <u>Approx. %</u> | <u>Exposure Limit</u> |
|--|-------------------|------------------|---|
| Montmorillonite Clay | 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 malleable material | |

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.

