

Living Clay

from

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MSDS

(Material Safety Data Sheet)

SECTION 1 – Product Identification

Trade Name: Living Clay™ (formerly Therapeutic Living Clay)
Common Name: Calcium Bentonite Clay – Smectite Family
Synonym: Montmorillonite
Chemical Family: Silicate Dioxide
Formula: $\text{SiO}_2 \text{ CaO MgO K}_2\text{O Na}_2\text{O H}_2\text{O}$
CAS Number: 1302-76-7
HMIS: HO* FO RO

SECTION 2 – Hazardous Ingredients

Calcium Bentonite contains free silica dioxide. The current OSHA Standard, 8 hour TWA (Respirable Dust) is determined by the formula: $10 \text{ mg/M}^3 / \% \text{SiO}_2 = 2$ or $50 \text{ mppcf} / \% \text{SiO}_2 + 5$
ACGIH is proposing a TLV of 0.1 mg/M^3 (Respirable Dust) or 0.3 mg/M^3 (Total Dust)
NIOSH has recommended a Permissible Exposure Level of 0.05 mg/M^3

SECTION 3 – Physical Data

Specific Gravity: 2.58
Percent Volatile by Weight: 0
Evaporation Rate: 0
Appearance & Odor: Gray/Green Powder, No Odor

SECTION 4 – Fire and Explosion Hazard

N/A – Non-flammable

SECTION 5 – Health Hazard Data:

Threshold Limit Values: N/A
Effects of Overexposure: N/A
Emergency and First Aid: N/A

SECTIONS 6, 7, 8 & 9 – Reactivity, Spill and Leak Procedures, Special Protection & Special Precautions:

Reactivity: N/A
Spill & Leak Procedures: None
Special Protection & Precautions: None

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