

# 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 mppcf /  $\% \text{SiO}_2 + 5$   
ACGIH is proposing a TLV of  $0.1 \text{ mg/M}^3$  (Respirable Dust) or  $0.3 \text{ mg/M}^3$  (Total Dust)  
NIOSH has recommended a Permissible Exposure Level of  $0.05 \text{ mg/M}^3$

### 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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