



MSDS

(Material Safety Data Sheet)

SECTION 1 – Product Identification

Trade Name: Therapeutic Living Clay (TLC)
Common Name: Calcium Bentonite Clay
Synonym: Montmorillonite
Chemical Family: Silicate Dioxide
Formula: SiO_2 CaO MgO K_2O Na_2O H_2O
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: $10 \text{ mg}/\text{M}_3 / \% \text{SiO}_2 = 2$ or $50 \text{ mppcf} / \% \text{SiO}_2 + 5$
ACGIH is proposing a TLV of $0.1 \text{ mg}/\text{M}_3$ (Respirable Dust) or $0.3 \text{ mg}/\text{M}_3$ (Total Dust)
NIOSH has recommended a Permissible Exposure Level of $0.05 \text{ mg}/\text{M}_3$

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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