

Safety Data Sheet

Section 1: Identification

Product Name: Dry All

Others Names: Calcined Bentonite Clay, Calcium Carbonate.

Product Form: Mixture

Company Identification:

Origination, LLC

1802 Wooddale Drive, Suite 200

Woodbury, MN 55125

For information, call: 1-800-625-6079

Emergency Number: 1-800-625-6079

For CHEMTREC assistance, call: 1-800-424-9300

For International CHEMTREC assistance, call: 703-527-3887

Section 2: Hazard(s) Identification

Health Hazard: 1-slight.

Flammability Hazard: 0-minimal.

Reactivity Hazard: 0- minimal.

Personal protection: B- glasses, gloves, respiratory protection.

This product contains crystalline silica which is considered a hazard by inhalation. IAHC has classified as probably carcinogenic for humans. This classification is based on the findings of laboratory animal studies that were considered sufficient and data from epidemiological studies that were considered limited for carcinogenicity and is listed by NTP as a substance which may be anticipated to be a carcinogen.

Target organs: Chronic overexposure may cause industrial bronchitis, reduced breathing capacity and lung damage.

Primary route(s) of entry: Inhalation.

Medical Conditions aggravated by exposure: Pre-existing medical conditions, including dermatitis, asthma, or chronic lung disease may be aggravated by exposure; individuals who are atopic (with a history of allergies) may experience greater amounts of respiratory irritation.

Skin Contact: exposure may cause drying of the skin.

Eye Contact: Exposure may cause immediate or delayed irritation or inflammation.

Section 3: Composition / Information on Ingredients

Classification of the Substance or Mixture

CAS Number: 1302-78-9 Bentonite (Montmorillonite type) 90-93%. 14808-60-7 Crystalline Quartz, 4-5 %.
1317-63-3 Calcium Carbonate CaCO₃. 546-93-0- Magnesium Carbonate, MgCO₃.

Other Contaminants: Iron oxide, aluminum oxide, sulfur, acid insoluble ash, silica dioxide, amorphous silica, limestone, nuisance dust.

Section 4: First Aid Measures

EXPOSURE

PREVENT DISPERSION OF DUST!

Inhalation: Cough if inhaled. Avoid inhalation of fine dust and mist. Local exhaust or breathing protection. Fresh air, Drink water to clear throat and blow nose to evacuate dust. Rest. If condition does not improve seek medical attention. Inhalation of large amounts requires immediate medical attention.

Skin Protective: Wear gloves. Rinse skin with plenty of water or shower.

Eyes: Wear safety spectacles. Flush eyes with large amounts of water continuously for 15 minutes.

Ingestion: If a large amount is swallowed seek immediate medical attention.

Section 5: Fire Fighting Measures

Extinguishing Media

Suitable Extinguishing Media: Foam. Dry powder. Carbon dioxide. Water spray. Sand.

FIRE: Not combustible.

Flash Point: N/A.

In case of fire in the surroundings: All extinguishing agents allowed.

Section 6: Accidental Release Measures

Sweep spilled substance into covered containers; if appropriate, moisten first to prevent dusting (extra personal protection: P1 filter respirator for inert particles).

Section 7: Handling and Storage

Store in dry, protected storage, Repair all broken bags. Product is stable under normal conditions of dry storage.

Section 8: Exposure Controls, Personal Protection

OCCUPATIONAL EXPOSURE LIMITS:

Bentonite- PEL 5mg/m³ TWA (respirable fraction) PEL 15 mg/m³TWA (total dust)

Quartz- Crystalline silica- PEL 10mg/m³ SiO₂+ 2TWA. TLV 0.025 mg/m³TWA

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:

The substance may have effects on the lungs Prolonged overexposure to respirable crystalline silica may cause lung disease and may be carcinogenic to humans.

Effects of short-term exposure

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The substance irritates the skin, eyes and the nose.

Personal Protective Equipment- Gloves, safety glasses, long sleeved work clothes.

Respiratory- NIOSH approved respirators in accordance with requirements to eliminate or reduce exposures to PEL or TLV level of exposure incurred.

Section 9: Physical and Chemical Properties

Appearance: The product is red and grey in color, granular, no odor.

Boiling point: NA

Melting point: NA

Relative density (water = 1): NA Solubility in water: Insoluble.

Section 10: Stability and Reactivity

Stability: Stable.

Incompatible with turpentine, hydrofluoric acid, vegetable oil, or other unsaturated organic compounds may generate heat.

Section 11: Toxicological Information

Exposure Limits: OSHA PEL @ 8 hr. TWA) 15 mg/m³ (total dust)
5 mg/m³ (respirable dust)
Reparable crystalline silica: 0.1 mg/m

Signs and Systems: Prolonged or high exposure to respirable dust may cause shortness of breath and other respiratory effects. The international agency for research on cancer has determined that crystalline silica inhaled in the form of quartz or cristobalite in conjunction with the use of these materials from occupational sources is carcinogenic to humans. (Group 1 carcinogenic to humans) (Refer to IARC monograph 68, Silica, some silicates and organic fibers published June 1997). The National Toxicology Program classifies respirable crystalline silica as "reasonable anticipated to be a carcinogen". For further information, see: "Adverse Effects of Crystalline Silica Exposure" published by the American Thoracic Society, medical section of the American Lung Association, American Journal of Respiratory and Critical Care Medicine, Volume 155, pages 761-765, 1997.

Carcinogenicity: The small quantities of crystalline silica (quartz) found in this material are, under normal conditions, naturally coated with an unremovable layer of amorphous silica and/or clay. IARC (Vol 68, 1997, pp 191-192) states that crystalline silica (quartz) can differ in toxicity depending on the minerals with which it is combined, citing studies in IARC (Vol 42, 1987, p 86) which states that the toxic effect of crystalline silica (quartz) is reduced by the protective effect.... Due mainly to clay minerals....".

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Section 12: Ecological Information

No data available on any adverse effects of this material on the environment.

Section 13: Disposal Considerations (non-mandatory)

Waste Management/Disposal: This product does not exhibit any characteristics of a hazardous waste. The product is suitable for landfill disposal. Follow all applicable federal, state and local regulations for safe disposal.

Section 14: Transport Information

US Department of Transportation: Not regulated by DOT as hazardous material. No hazard class, no label or placard required no UN or NA number assigned.

Canadian TDG Hazard Class & PIN: Not regulated.

Section 15: Regulatory Information

No Information.

Section 16: Additional Information

Prepared by: Origination, LLC

Prepared: November 12, 2020

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