MATERIAL SAFETY DATA SHEET

Supplier: Origination Inc.

1300 McKnight Road North

Maplewood, MN 55119

Emergency: 1-800-625-6079

CHEMTRAC, 24-HR. Emergency Assistance 1-800-424-9300

Section 1- Chemical Product and Identification

Material-Product Name (s): Dry All.

Other Names: Calcined Bentonite Clay, Calcium Carbonate.

CAS Number: Bentonite (Montmorillonite type) 1302-78-9. Quartz 14808-60-7. Calcium Carbonate 1317-63-3.

Manufacturer/Supplier: Origination Inc.

1300 Mcknight Road North

Maplewood, MN 55119

Section 2- Ingredients and Composition

CAS Number: 1302-78-9 Bentonite (Montmorillonite type) 90-93%. 14808-60-7 Crystalline Quartz, 4-5 %. 1317-63-3 Calcium Carbonate $CaCO_3$. 546-93-0- Magnesium Carbonate, $MgCO_3$.

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

Section 3- Hazards Identification

Heath 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 4: First Aid Measures

EXPOSURE
PREVENT DISPERSION OF DUST!

Inhalation Cough.
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 gloves.
Rinse skin with plenty of water or shower.
Eyes
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

FIRE Not combustible. Flash point N/A.

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

Section 6: Procedure in Chemical Spill

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

Section 7: Chemical Storage

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

Section 8: Regulatory Standards for Exposure

OCCUPATIONAL EXPOSURE LIMITS:
Bentonite- PEL 5mg/m^3 TWA (respirable fraction) PEL 15 mg/m^3TWA (total dust)

Quartz- Crystalline silica- PEL 10mg/m^3 SIO2+ 2TWA. TLV 0.025 mg/m^3TWA

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
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 12- Ecological Information

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

Section 13- Disposal Information

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- Preparation of Material Safety Data Sheet

Prepared by: Origination Inc. **Prepared: April, 2011**

Address
1300 N. McKnight Road
Maplewood, MN 55119
Map

Phone
1-800-625-6079

E-Mail
info@origination.com

Disclaimer

The data contained herein is believed to be accurate and reliable, but no expressed or implied warranty is made with regard to the accuracy of such data or its suitability for a given situation. Such data relates only to the specific product described and not to such product in combination with any other product. We disclaim all liability for any actions taken or forgone on reliance upon such data. Users should make their own investigation to determine the suitability of the information for their particular purposes.