



AMERICAN CLAY[®]

Naturally Beautiful Walls[™]
U.S. PATENT 7485186

Material Safety Data Sheet

Date prepared: January 30, 2004

Date revised: April 25, 2013

Section I General Information

Product Name: Color Pigments

Product Code: CP---

Product Description: Powder, naturally occurring mineral pigments

Product Use: Colorant for American Clay Plasters and Sealers

Chemical Family: Inorganic Pigment(s)

Manufacturer: American Clay, LLC
2418 2nd Street SW
Albuquerque, NM 87102
1-866-404-1634
Fax: 505.244.9332

Section II Hazardous Ingredients

Ingredient: Crystalline Silica, Quartz **CAS #:** 14808-60-7 **% by Wt.:** <2.3 – 2.8

OSHA PEL*: 0.10 mg/m³ (TWA)
ACGIH TLV*: 0.05 mg/m³ (TWA)
*Respirable limits for particles <10 um AD.

Ingredient: Iron Oxide (FUME) – FE203 **CAS #:** 1309-37-1 **% by Wt.:** <65 - 70

OSHA PEL** (TWA)
ACGIH TLV** (TWA)

**Under normal conditions, when this material is used as a pigment, no hazardous conditions exist. If this material is heated to produce an iron oxide fume or gas, ACGIH has issued a TLV of 5mg/m³ and OSHA has set a PEL of 10mg/m³.

Ingredient: Magnesite **CAS #:** 546-93-0 **% by Wt.:** <0.0 – 0.2

OSHA PEL* 5 mg/m³ (TWA)
ACGIH TLV 10 mg/m³ (TWA)
*Respirable

Ingredient: Magnesium silicate **CAS #:** 14807-96-6 **% by Wt.:** <10 - 12

OSHA PEL** 20 MPPCF (TWA)
ACGIH TLV* 2.0 mg/m³ (TWA)

Non-Hazardous: **% by Wt.:** <15 - 20
OSHA PEL: N/A
ACGIH TLV: N/A

Nuisance Dust – This material is considered a nuisance dust. Please also observe the following exposure limits:
OSHA PEL 15mg/m³ (Total Dust) 5 mg/m³ (Respirable Dust)

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- **WARNING:** This product contains a small amount of quartz that may cause delayed respiratory disease if inhaled over a prolonged period of time. Avoid breathing dust. Use NIOSH/MSHA approved respirator where TLV for quartz may be exceeded. IARC Monographs on the evaluation of the Carcinogenic Risk of Chemicals to humans (volume 68, 1997) concludes that quartz is carcinogenic to humans (IARC classification 1).
- **Note:** The Permissible Exposure Limits (PELs) reported above are the pre-1989 limits that were reinstated by OSHA June 30, 1993 following a decision by the United States Circuit Court of Appeals for the 11th Circuit. Federal OSHA is now enforcing these PELs. More restrictive exposure limits may be enforced by some other jurisdictions. National Institute for Occupational Safety and Health (NIOSH) has recommended that the permissible exposure limit be changed to 50 micrograms respirable free silica per cubic meter of air (0.05mg/m³) as determined by full shift sample up to a 10-hour working day, 40 hours per week. See: 1974 NIOSH criteria for a recommended Standard for Occupational Exposure to Crystalline Silica for more detailed information.

**Unless otherwise noted, all PEL and TLV values are reported as 8 hour time weighted average (TWA).

Section III Hazards Identification

Most important hazards: Eye & skin contact may cause irritation. Prolonged inhalation at excessive dust levels may cause damage to the lungs and respiratory tract. May irritate pre-existing respiratory diseases such as asthma.

Specific hazards: This product contains crystalline silica, an IARC probable carcinogen. Long-term repeated exposure to excessive levels of crystalline silica dust may cause silicosis, a progressive and sometimes fatal lung disease.

Incompatibility: Strong oxidizers, such as Chlorates, Bromates, and Nitrates.

Additional incompatibility: This material contains Synthetic Iron Oxide which is incompatible with Hydrazine, Calcium Hypochlorite, Performic Acid, and Bromine Pentafluoride.

Section IV First Aid Measures

Skin contact: Wash with mild soap and water. Remove severely contaminated clothing and clean before reuse. Seek medical attention in the event that irritation occurs.

Eye contact: Flush thoroughly with large amounts of water. Seek medical attention if irritation persists.

Ingestion: Rinse mouth with water, give subject water to drink and do not induce vomiting. Seek medical help.

Inhalation: Remove to fresh air and get medical help for any breathing difficulties.

Section V Fire Fighting Measures

Suitable extinguishing media: Dry chemical, foam, or CO₂. A water mist, fog or spray can be used to control dusting and cool the material.

Special hazards in fire: This material is a very fine dust: Avoid the use of high-pressure water, which could spread burning material and create hazardous dust conditions.

Required special protective equipment for fire-fighters: Firefighters should wear full protective clothing and self-contained breathing apparatus.

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Section VI Accidental Release & Disposal Measures

Personal precautions: NIOSH approved dust respirator suggested. Approved dust respirators are required when dust exceeds recommended TLV. Safety glasses with side shields or goggles are suggested. Cloth, leather, rubber, or plastic gloves are recommended.

Environmental precautions: Provide an adequate exhaust system that is filtered to avoid contaminating the environment, and that meets the TLV requirements in the work area.

Disposal: Vacuum or scoop up spilled material and dispose in an appropriate waste container. Misting with water or absorbent dust control products may help to keep airborne dust levels at a minimum. Provide proper ventilation and personal protection equipment for use during clean-up. Waste material can be buried in an approved landfill in accordance with Federal, State, and Local environmental regulations. According to 40 CFR, Part 261 of the Resource, Conservation, and Recovery Act (RCRA), this product is not classified as a hazardous material.

Section VII Handling and Storage

Handling: Provide adequate ventilation when handling this material. Material may become slippery when wet. Avoid unnecessary contact; wash thoroughly after handling. Keep material away from food and beverages.

Storage: Store in a dry place at an ambient temperature and away from food and beverages. Keep material in closed container(s).

Section VIII Exposure Controls

Personal protection equipment: Protective clothing

Eye protection: Protective goggles

Hand protection: Gloves

Hygiene measures: Wash skin thoroughly with soap and water after contact with this material.

Inhalation measures: Approved dust respirators

Section IX Physical and Chemical Properties

Appearance: powder

pH: 5.8

Melting point: N/A

Explosive properties: N/A

Tap density: .7

Solubility: N/A

Odor: None

Boiling point: N/A

Flashpoint: None

Vapor pressure: N/A

Specific gravity: 3.6

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Section X Stability and Reactivity

Stability: Stable under normal conditions

Materials to avoid: Strong oxidizers, such as chlorates, bromates, and nitrates. This material contains synthetic iron oxide which is incompatible with hydrazine, calcium hypochlorite, performic acid, and bromine pentafluoride.

Hazardous decomposition products: None

Section XI Toxicological Information

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

Hazard rating:

4 = Severe

3 = Serious

2 = Moderate

1 = Slight

0 = Minimal

Health: 1

Flammability: 0

Reactivity: 0

Personal Protection: (glasses, gloves, dust respirator)

Section XII Ecological Information

Poses no threat to the environment if disposed of responsibly.

Section XIII Transport Information

D.O.T. Hazardous Classification: Non-regulated

D.O.T. Label required: None

D.O.T. Shipping name: None

Technical shipping name: Inorganic pigment

Label statement: CP---

Section XIV Regulatory Information

TSCA (Toxic Substance Control Act) United States Listed on TSCA Inventory

DERCLA (Comprehensive Response Compensation and Liability Act) No reportable quantity

DSL (Canada) Listed

SARA Title III, Section 313: Not Listed

EINECS (European Community) Listed

Reasons for issue: Compliance with 29 CFR, Part 1910.1200.

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Other Information

The data and recommendations made in this document are based on our own research and the research of others, and are believed to be accurate. American Clay makes no guarantee or warranty, either expressed or implied, as to the accuracy or completeness of the data and recommendations.