

## SAFETY DATA SHEET

### Section 1: IDENTIFICATION

Name, address, telephone number and emergency telephone number of the manufacturer:

Standard Ceramic Supply Company  
24 Chestnut Street / P.O. Box 16240  
Carnegie, PA 15106-2028  
Telephone / Emergency Telephone Number: 412-276-6333

Product Identifier used on the label: Standard Moist and Dry Clays 100, 105, 528, 100G, and 105G, and Clay Lady Clay

Recommended use of product: Ceramic ware

### Section 2: HAZARDS IDENTIFICATION

GHS label elements / Hazard Pictograms



Signal Word: Danger

OSHA/HCS status

Clay mixture in dry form is considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification of the substance

Carcinogenicity (inhalation) – Category 1A and Specific organ toxicity (Repeated Exposure) (Respiratory tract through inhalation) – Category 1

Hazard Statement(s):

(H350) Cancer Hazard. Contains silica dust which can cause cancer. Risk of cancer depends upon duration and level of exposure to the dust. Not an acute hazard.  
(H332) Prolonged inhalation of dust may cause mechanical irritation and discomfort of respiratory tract. Repeated exposure may have chronic effects.  
(H316 + H320 + H335) Can cause skin, respiratory and eye irritation.

Precautionary statement(s):

Not harmful in moist form. (Avoid breathing in dust)  
Wear gloves, eye and respiratory protection when working with dust form.

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENTS	CAS NUMBER	% OF FORMULA
Kaolin/Clay	1332-58-7	0% - 50%
Mullite	1302-93-8	0% - 5%
Calcium Carbonate	1317-65-3	0% - 10%
Talc	14807-96-6	0%- 40%
Umber	1217-03-0	Confidential
Bentonite	1302-78-9	0% - 2%
Water	7732-18-5	

**Section 4: FIRST-AID MEASURES**
**DESCRIPTION OF FIRST-AID MEASURES**

**Ingestion:** Contact a physician immediately.

**Inhalation:** May cause irritation; remove from exposure.

**Skin Contact:** May cause irritation; rinse skin with soap and water.

**Eye Contact:** May cause irritation; flush eyes with water for at least 15 minutes. If irritation continues afterwards, contact a physician.

**Section 5: FIRE-FIGHTING MEASURES**
**EXTINGUISHING MEDIA**

**Suitable extinguishing media:** None

**SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS**

**Protective equipment for firefighters:** None

**Special firefighting procedures:** None

**Section 6: ACCIDENTAL RELEASE MEASURES**

Personal Precautions, Protective Equipment, and/or Emergency Procedures: None

Environmental Precautions: None

Methods and Materials for Containment and Clean up: Clean up any wet spills or clap slop with a damp sponge. For dry spills, spray with water and use a damp sponge to clean up.

Special Spill Response Procedures: None

**Section 7: HANDLING AND STORAGE**

Precautions for Safe Handling and Use: None

Conditions for Safe Storage: None

Incompatible Materials: None

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EXPOSURE LIMITS**

Ingredients	OSHA PEL	ACGIH TLV
Kaolin/Clay	N/A	N/A
Mullite	15mg/m <sup>3</sup>	10mg/m <sup>3</sup>
Calcium Carbonate	15mg/m <sup>3</sup>	N/A
Talc	15mg/m <sup>3</sup>	2mg/m <sup>3</sup>
Umber	N/A	N/A
Bentonite	30mg/m <sup>3</sup>	0.1mg/m <sup>3</sup>
Water	N/A	N/A

**EXPOSURE CONTROLS**

Ventilation and engineering measures: None

Respiratory protection: Use a NIOSH approved respirator.

**Skin protection:** Wear appropriate protective clothing such as overalls, smocks, and aprons.

**Eye/face protection:** None

**Hygienic Practices:** Food, beverages, and smoking materials should not be in work area. Employees should wash hands thoroughly before eating, drinking, or smoking.

## Section 9: PHYSICAL/CHEMICAL PROPERTIES

<b>Appearance (physical state, color, etc.):</b>	<b>Solid</b>
<b>Upper/lower flammability or explosive limits:</b>	<b>None</b>
<b>Odor:</b>	<b>None</b>
<b>Vapor pressure:</b>	<b>N/A</b>
<b>Odor threshold :</b>	<b>Negligible</b>
<b>Vapor density:</b>	<b>N/A</b>
<b>pH:</b>	<b>N/A</b>
<b>Relative density:</b>	<b>N/A</b>
<b>Freezing point:</b>	<b>N/A</b>
<b>Solubility(ies)</b>	<b>N/A</b>
<b>Initial boiling point and boiling range:</b>	<b>N/A</b>
<b>Flash Point:</b>	<b>N/A</b>
<b>Evaporation rate:</b>	<b>N/A</b>
<b>Flammability (solid gas)</b>	<b>N/A</b>
<b>Partition coefficient: n-octanol/water:</b>	<b>None</b>
<b>Auto-ignition temperature:</b>	<b>N/A</b>
<b>Decomposition temperature:</b>	<b>None</b>
<b>Viscosity :</b>	<b>N/A</b>

## Section 10 : STABILITY /REACTIVITY

**Reactivity:** N/A



**Chemical stability: Stable**

**Possibility of hazardous reactions: None**

**Conditions to avoid: None**

**Incompatible materials: None**

**Hazardous decomposition products: N/A**

## **Section 11: TOXICOLGICAL INFORMATION**

### **INFORMATION ON LIKELY ROUTES OF EXPOSURE**

**Routes of Entry: Inhalation is the most important during excessive handling of clay.**

**POTENTIAL HEALTH EFFECTS, Signs and symptoms of short-term (acute) exposure:**

**Sign and symptoms inhalation: Coughing or irritation may occur.**

**Sign and symptoms ingestion: Sickness or irritation may occur.**

**Sign and symptoms skin: Redness or irritation may occur.**

**Sign and symptoms eyes: Redness or irritation may occur.**

**Potential chronic health effects: These mixtures contain silica, which can cause Silicosis through inhalation over an extended period of time. Overexposure to silica may also result in injury to the lungs.**

**Carcinogenicity: Silica (Quartz) is a human carcinogen.**

**Toxicological data: These products conform to 16 CFR 1500.14 (LHAMA) and ASTM-4236. They have been certified by an independent, 3<sup>rd</sup> party toxicologist to be NON-TOXIC.**

## **Section 12: ECOLOGICAL INFORMATION (non-mandatory)**

**Eco toxicity: None**

**Persistence and degradability: Yes**

**Bioaccumulation potential: No**

**Mobility in soil: No**

Other adverse environmental effects: None

**Section 13: DISPOSAL CONSIDERATIONS (non-mandatory)**

Handling for Disposal: None

Methods of Disposal: None

**Section 14: TRANSPORT INFORMATION (non-mandatory)**

UN Shipping Name: N/A

UN Number: N/A

Environmental Hazard: None

Packing Group: None

Transportation Hazard Class: N/A

Special Precautions: None

**NOT DANGEROUS FOR TRANSPORT**

**Section 15: REGULATORY INFORMATION (non-mandatory)**

Silica (Quartz) is listed by California, Proposition 65, as a carcinogen.

Silica (Quartz) is listed on the IARC, OSHA, and NTP carcinogen list.

All ingredients are on U.S. TSCA Inventory.

All products listed in this SDS conform to ASTM-4236 standards. Materials have been evaluated under the provisions of 16 CFR 1500.14 of the Labeling of Hazardous Art Material Act. These products have been listed as non-toxic and non-flammable under proposed use conditions. No specific warning is required.

**Section 16: OTHER INFORMATION**

This information is furnished with out warranty, representation, inducement or license or any kind, except that it is accurate to the best of knowledge of Standard Ceramic Supply Company or obtained from other references and sources believed to be accurate.

Standard Ceramic Supply Company does not assume any legal responsibility for use or reliance on our products. Customers are encouraged to conduct their own tests before using any product. Read all product labels prior to handling.



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