

SDS  
K-2 Kiln Wash



# Thompson Enamel

P.O. Box 310 Newport, KY 41072 USA ~ (859) 291-3800 fax (859) 291-1849

## **SECTION 1: Identification of the substance/mixture and of the company**

Product : K-2 Kiln Wash

Recommended use of product: Ceramic ware

Supplier: Thompson Enamel

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Bellevue, Ky. 41073 U.S.A.

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## **SECTION 2: Hazards identification**

Hazard classification of chemical: Miscellaneous

Hazard Statement(s): Contains silica dust.

Precautionary statement(s): Not harmful in moist form.

## **SECTION 3: Composition/Information on ingredients**

INGREDIENTS CAS NUMBER % OF FORMULA

Kaolin/Clay 1332-58-7 0% - 50%

Silicon Dioxide 14808-60-7 0% - 50%

Mullite 1302-93-8 0% - 10%

## **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: Firefighting 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: None

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

Silicon Dioxide 6mg/m<sup>3</sup> 3mg/m<sup>3</sup>

Mullite 15mg/m<sup>3</sup> 10mg/m<sup>3</sup>

#### 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 and chemical properties**

Appearance (physical state, color, etc.): Solid

Upper/lower flammability or explosive limits: None

Odor: None

Vapor pressure: N/A

Odor threshold : Negligible

Vapor density: N/A

pH: N/A

Relative density: N/A

Freezing point: N/A

Solubility(ies) N/A

Initial boiling point and boiling range: N/A

Flash Point: N/A

Evaporation rate: N/A

Flammability (solid gas) N/A

Partition coefficient: n-octanol/water: None

Auto-ignition temperature: N/A

Decomposition temperature: None

Viscosity : N/A

### **SECTION 10: Stability and 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: Toxicological 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 ASTM-4236 and have been certified by an independent, 3rd party toxicologist to be NON-TOXIC.

**SECTION 12: Ecological information**

Eco toxicity: None

Persistence and degradability: Yes

Bioaccumulation potential: No

Mobility in soil: No

Other adverse environmental effects: None

**SECTION 13: Disposal considerations**

Handling for Disposal: None

Methods of Disposal: None

**SECTION 14: Transportation information**

NOT DANGEROUS FOR TRANSPORT

**SECTION 15: Regulatory information**

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 Labeling of Hazardous Art Material Act. These products have been listed as non-toxic and nonflammable

under proposed use conditions. No specific warning is required.

**SECTION 16: Other information**

References

DOT Department of Transportation

OSHA Occupational Safety and Health Administration

CAS Chemical Abstracts Service

TSCA Toxic Substances Control Act

This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

The information and recommendations contained in this SDS have been compiled from sources believed to be reliable and to represent current opinion on the subject when the SDS was prepared. No warranty, guaranty or representation is made as to the correctness or sufficiency of the information. The user of this product must decide what safety measures are necessary to safely use this product, either alone or in combination with other products, and determine its environmental regulatory compliance obligations under any applicable federal or state laws.

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