

TRINITY CERAMIC SUPPLY
9016 DIPLOMACY ROW
DALLAS, TX 75247
214-631-0540 FAX: 214-637-6463

**MATERIAL SAFETY
DATA SHEET (MSDS)**

MATERIAL: KILN WASH

I. PRODUCT IDENTIFICATION

Name: Kiln Wash

Ingredients and Identification: Alumina Trihydrate, CAS No. 21645-51-2
Silica, CAS No. 148808-60-7
Kaolin, CAS No. 1332-58-7

Occupational OSHA PEL: Alumina Trihydrate- 10
Kaolin- 5
Silica- 10

Exposure Limits: Alumina Trihydrate- 10
Kaolin - 2
Silica- 10

Hazardous Ingredients: Kaolin Clay (nuisance dust) CAS reg. No. 1332-58-7
Quartz CAS Reg. No. 14808-60-7

Hazard: Inhalation

SARA Title III Section 313 Ingredients: NONE

III. Physical Data

Appearance : White to tan powder
Density : 2.61 +/- .05
Boiling Point : N/A
Solubility in water: Insoluble
Vapor Pressure: N/A
Vapor Density: N/A
Percent Volatiles: 0

IV. Fire and Explosion Hazard Data

Product represents no flammability hazard

V. Reactivity Data

Not Reactive

VI. Health Hazard Data

Routes of Entry: Inhalation: Yes Skin: No Ingestion: Yes

Acute effects:

Skin Absorbtion : None
Eyes: May cause mechanical irritation
Inhalation: Airborne inhalation of dust may cause coughing, shortness of breath or general irritation.
-Prolong exposure to respirable quartz may lead to delayed chronic lung injury (silicosis), a form of disabling pulmonary fibrosis.

Carcinogenicity: YES. The NTP concluded that silica may be anticipated to be a carcinogen.

Signs and Symptoms of Exposure:

Eye contact: red or watering eyes
Inhalation: coughing or wheezing

Emergency and First aid Procedures:

For material in eyes, flush with water and consult a physician
Inhalation: Remove person to fresh air as soon as possible

VII. Precautions for safe Handling

small spills: Scoop up spill with sponge or damp mop and transfer to a sealable container
Disposal : waste must be disposed of in accordance with local and state agencies.

VIII. Control Measures

Respiratory Protection: Use NIOSH/MSHA approved dust mask
Ventilation : Provide sufficient ventilation to maintain dust concentration below ACGIH levels
Eye protection : Wear eye protection whenever airborne nuisance dust is present

Prepared by David Cramer
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