

Material Safety

Data Sheet

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# Helmer Kaolin Clay

SECTION I

PRODUCT TYPE

SEDIMENTARY CLAY

CHEMICAL FAMILY Al<sub>2</sub>O<sub>3</sub>\*2SiO<sub>2</sub>\*2H<sub>2</sub>O HYDROUS ALUMINO-SILICATE

 $\label{eq:solution} ASSOCIATED \ COMPOUNDS \ \ Fe_2O_3 < 2\% \qquad K_2O < 2\% \qquad TiO_2 < 2\%$ 

# SECTION II

# PRODUCT HAZARDOUS INGREDIENTS

CHEMICAL

TLV-TLW

CAS #

Quartz (SiO<sub>2</sub>) Silica < 2% 0.01 mg/cubic meter respirable dust\* 14808-60-7

\*Source: American Conference of Governmental Hygienists, 1989-1990

SECTION III

# PHYSICAL DATA

Solubility in water: slight Appearance and odor: Gray granular : no odor

Specific gravity: Not applicable Melting Point >3400 degrees Fahrenheit (PCE cone 34)

#### SECTION IV

## FIRE AND EXPLOSION HAZARD DANGER

This product is not combustible in any form and will not support combustion.

## SECTION V

#### HEALTH HAZARD DATA

Effects of Overexposure:	Emergency and First Aid Procedures:
Eyes: Acute: Mechanical Irritation needed	rinse with water, see doctor if
Chronic: None Known	
Skin: Acute: None Known	None
Chronic: None Known	
Lungs: Acute: May cause mechanical irritation needed	Remove to fresh air, see doctor if
Chronic: May cause lung damage	
Ingestion: Acute: Not Known instructions	Contact doctor and follow
Chronic: Not Known	

## SECTION VI

## Reactivity Data

Product is stable and has no known incompatibilities with other materials and does not form hazardous polymers.

#### SECTION VII

#### Spill or Leak Procedures

This product may be disposed of in an approved landfill in accordance with local, state and Federal regulations. Collection method, sweep, shovel or vacuum (HEPA filter vacuum)

#### SECTION VIII

#### **Special Protection Information**

Use a NIOSH approved respirator when dust is present. General mechanical ventilation is adequate in most cases. Eye protection is optional. No other protection is needed.

## SECTION IX

#### Special Precautions

WARNING! Although the free silica content is < 2%, repeated and prolonged exposure to any dust can cause lung damage and this product is no exception. The hazards can be virtually eliminated by good housekeeping and following the rules below:

1.Since the wet form of the clay is dustless, flood areas to be cleaned gently with water and either wet broom, squeegee, or wet vacuum the water away. Clean often.

2. Aprons and towels should be changed frequently during the day since the clay dries on them and when they are used, they flex causing the clay to then become airborne.

3. Keep clay and glaze mixing areas separate from the rest of the studio and provide good ventilation to the clay and glaze mixing areas.

4. Institute a regular cleaning schedule for the rest of the studio areas so that shelves and ware boards are washed outside regularly. As part of this program, place clean mirror tile sections throughout your work areas and monitor them often to see how quickly they become dusty. If they are dusty within a few days, you need to improve your housekeeping.

For Additional Information contact MSDS Coordinator during business hours, Pacific time: (800)-4Laguna Notice

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