

# MATERIAL SAFETY DATA SHEET

## SECTION I

MANUFACTURER MINNESOTA CLAY CO. USA  
7429 WASHINGTON AVE. S.  
EDINA, MN 55439

EMERGENCY TELEPHONE (952) 884-9101

TRADE NAME AND SYNONYMS **KILN WASH**

## SECTION II - HAZARDOUS INGREDIENTS

<i>Material</i>	<i>Percentage</i>	<i>OSHA/PEL 8hr TWA</i>
Quartz	17%	.01 mg/cu.m
Minca	6%	3 mg/cu.m.
Kaolin Clay	70%	5 mg./cu.m
Pyrophyllite	2%	PNOR
Free Silica	<1%	.01 mg./cu.m
Cristobalite	2%	.05 mg./cu.m
Tridymite	2%	.05 mg./cu.m
Amino	<1%	PNOR

\*Harmful only when prolonged & excessive respiration of dry, airborne materials occurs.

\*\*Eye Irritant

### SPECIAL LABELING INSTRUCTIONS

Minnesota Clay Co. USA is a Member of the Art and Craft Material Institute, 100 Boylston St., Boston MA 02116. Our clay and glaze products have been evaluated and certified in accordance with the voluntary chronic hazard labeling standard ASTM D-4236 (American Society for Testing and Materials). This product is identified by the label attached to the product and this MSDS need to be read in conjunction with said labeling and safety labeling of ACMI.



## MINNESOTA CLAY CO. USA KILN WASH

Add slightly less than 1 part water to 1 part kiln wash. Should be consistency of light cream. Add more water if needed. Brush 1 coat using straight even brush strokes. Allow first coat to set for several minutes, then apply second coat at right angle.

WARNING: EXPOSURE TO OR BREATHING DUST MAY CAUSE EYE IRRITATION, ALLERGIC REACTIONS, HEART OR LUNG DAMAGE OR CANCER BY INHALATION. PRODCUTS IN THIS SERIES MAY CONTAIN RESPIRABLE QUART, NICKEL OXIDE, VEGGUM PRO OR SOLUBLE COPPER. Do not spray apply. Mix and hadle dry material in locally exhausting hood or glove box. When spray applying or mixing dry material, use NIOSH-certified mask for dusts or mists and an appropriate locally exhausting hood. KEEP OUT OF REACH OF CHILDREN. For further health information, contact a local poison control center. LABELING CONFORMS TO ASTM D4236. A Material Safety Data Sheet htat contains specific product warnings and cautions is available for this product on our web site or by contacting our customer service department.

### **SECTION III - PHYSICAL DATA**

BOILING POINT (f):	N/A
VAPOR DENSITY:	N/A
VAPOR PRESSURE:	N/A
SOLUBILITY IN WATER:	N/A
SPECIFIC GRAVITY (H2O=1):	N/A
PERCENT VOLATILE BY VOLUME:	N/A
EVAPORATION RATE:	N/A
APPEARANCE AND ODOR:	White Powder

### **SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: N/A

### **SECTION V - HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: See Section II.

EFFECTS OF OVEREXPOSURE: Prolonged over exposure to excessive concentrations of dry, airborne material may cause delayed lung injury (silicosis). Inhalation above the Occupational Exposure Limit may cause irritation of the respiratory passages. Prolonged or repeated skin contact may result in local contact dermatitis. May cause eye irritation.

EMERGENCY AND FIRST AID PROCEDURES: If overexposure is suspected move employee to fresh air; if breathing is difficult give oxygen. Call a physician. For dust in the eyes; flush immediately with clean water and call a physician. For skin irritation: wash with mild soap and water, call a physician. For ingestion: Get medical attention.

### **SECTION VI - REACTIVITY DATA**

STABLE

There are no known conditions to avoid, incompatible materials, hazardous decomposition products, or hazardous polymerization, associated with this product.

### **SECTION VII - SPILL OR LEAK PROCEDURES**

Use dustless methods and place into closable container for disposal. Dispose in accordance with Federal, State and Local regulations.

### **SECTION VIII - SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION: OSHA approved mask for dusts.

LOCAL EXHAUST: Suggested for fugitive dust.

PROTECTIVE GLOVES: Recommended. Avoid skin contact.

EYE PROTECTION: Wear appropriate goggles, and eye wash stations must be present in work area.

OTHER PROTECTIVE EQUIPMENT: Not required.

### **SECTION IX - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid breathing dust. Wash thoroughly after handling. No food or beverage should be consumed in the work area. No smoking should be allowed in the work area.

OTHER PRECAUTIONS: Vent kilns when firing. Stations must be present in work area.

OTHER PROTECTIVE EQUIPMENT: Not required.