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\*706

MATERIAL SAFETY DATA SHEET

SECTION I

MANUFACTURER MINNESOTA/MIDWEST CLAY CO.  
 8001 GRAND AVE SO  
 BLOOMINGTON, MN. 55420

EMERGENCY TELEPHONE (612) 884-9101

CHEMICAL NAME ANHYDROUS ALUMINA SILICATE

TRADE NAME AND SYNONYMS MC#5 CASTING CLAY, EARTHENWARE CLAY  
 PRE-MIXED CASTING CLAY BODY.

SECTION II

HAZARDOUS INGREDIENTS

MATERIAL	%	TLV (UNITS)
*FREE SILICA	25%+/-	0.1 mg/cu.M
PIGMENTS	N/A	
SODIUM SILICATE	<0.10%	N/A

\*Harmful only when prolonged & excessive respiration of dry, airborne materials occurs. Most free silica is not fine enough to be respirable.

SPECIAL LABELING INSTRUCTIONS:

Minnesota/Midwest Clay Company is a subscriber to the Art and Craft Material Institute, 715 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). Products manufactured by Minnesota/Midwest Clay Company are identified with the following labels:



'Products bearing the AP Approved Product or HL Health Label (Non-Toxic) Seal of The Art and Craft Materials Institute, Inc. are certified in a program of toxicological evaluation by a medical expert to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM 4236. In addition, there is no physical hazard as defined with 29 CFR part 1910.1200(c).'



'Products bearing the HL Health Label (Cautions Required) Seal of The Art and Craft Materials Institute, Inc. are certified to be properly labeled in a program of toxicological evaluation by a medical expert. This program is reviewed by the Institute's Toxicological Advisory Board. These products are certified by the Institute to be labeled in accordance with the voluntary labeling standard ASTM D-4236.'

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: GREY OR RED-BROWN COLOR. EARTHY ODOR  
 IF WET.

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SECTION IV

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:N/A

No fire or explosion hazard associated with these clays.

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)

EMERGENCY AND FIRST AID PROCEDURES: In case of eye contact: Rinse immediately with water. Remove contact lenses then flush with tap water for 15 minutes. If symptoms persist, see a physician.

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

No special waste disposal method-avoid creating excessive dust. Material is slippery, use caution when walking around spill.

SECTION VIII

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: OSHA approved mask for dusts.

LOCAL EXHAUST: Suggested for fugitive dust.

PROTECTIVE GLOVES: Not required.

EYE PROTECTION: Keep liquid slip away from eyes. May be worn in dusty conditions.

OTHER PROTECTIVE EQUIPMENT: Not required.

SECTION IX

SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid breathing dust-no other special precautions required.

OTHER PRECAUTIONS: Vent kilns when firing.