

## MATERIAL SAFETY DATA SHEET

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### SECTION I

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

EMERGENCY TELEPHONE (952) 884-9101

CHEMICAL NAME ALUMINA SILICATE

TRADE NAME AND SYNONYMS Northern Light Clay, Northern Light with Iron, Grolleg Porcelain, Grolleg Porcelain with Fiber, Polar Porcelain, Rainy Lake, No. 1 Stoneware, No. 1 Stoneware with Grog, No. 1 Stoneware with Manganese, No. 2 Stoneware, MB Stoneware, No. 3 Stoneware, No. 7 White Buff, White Sculpture, Red Sculpture, White Earthenware, Red Earthenware, White Earthenware (No talc), White Raku, Mc5 Casting Slip

### SECTION II

#### HAZARDOUS INGREDIENTS

MATERIAL	%	OSHA/PEL 8HR TWA
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*FREE SILICA	UP TO 25%	0.1 mg/cu.m
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\*Harmful only when prolonged & excessive respiration of dry, airborne materials occurs.

#### SPECIAL LABELING INSTRUCTIONS

MINNESOTA CLAY CO.USA is a subscriber to 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). Products manufactured by MINNESOTA CLAY CO.USA are identified with the following labels:



All above clays have been certified Non-toxic in the moist form.

### 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, Brown or White solid. EARTHY ODOR

### SECTION IV

#### FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:N/A

No fire or explosion hazard associated with this clay.

### 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.

### 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. Use wet cleaning methods to avoid making dust.

## SECTION VIII

### SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: OSHA approved mask for dusts.

LOCAL EXHAUST: Suggested for fugitive dust.

OTHER PROTECTIVE EQUIPMENT: Not required.

## SECTION IX

### SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid breathing dust. . No smoking should be allowed in the work area.

OTHER PRECAUTIONS: Vent kilns when firing. OTHER PROTECTIVE EQUIPMENT: Not required.