MATERIAL SAFETY DATA SHEET

Conforms to

OSHA Hazard Communication Standard 29CFR 1910, 1200

PRODUCT IDENTIFICATION

Trade Name: Generic Name:

Navajo White

Manufacturer's Name:

West Sioux Ceramics/Dakota Potters Supply

Mixture (see below)

Address: Phone Number (Emergency):

2315 West Madison Street (605) 332-1946

City: State: Zip: Sioux Falls, SD 57104

I. <u>PRODUCT INGREDIENTS</u>

CHEMICAL AND/OR COMMON NAME

CAS NUMBER

Goldart 14808-60-7

EPK 1332-58-7; 14808-60-7

Nepheline Syenate 37244-96-5

<u>OM4</u> <u>14808-60-7; 13463-67-70</u>

 J2
 1332-58-7

 Silica (325 mesh)
 14808-60-7

 Sand (100 mesh)
 14808-60-7

II. PHYSICALDATA

Boiling Point Vapor Pressure Specific Gravity Melting Point

N/A

Solubility in Water Vapor Density (Air-1) Percent Volatile Evaporation Rate

N/A

N/A

N/A

N/A

N/A

Appearance and Odor:

Gray when moist; White color when fired.

III. FIRE AND EXPLOSION DATA

Flash Point: Flammable Limits LEL: UEL:

Nonflammable & Non-explosive Non-flammable N/A N/A

Extinguishing Media: N/A

<u>Special Fire-fighting Procedures: None.</u> <u>Unusual Fire or Explosion Hazards: None.</u>

IV. <u>HEALTH HAZARD INFORMATION</u>

HAZARD BY ROUTES OF EXPOSURE (Indicate Chronic and Acute)

Inhalation: Repeated, prolonged inhalation of dust may cause delayed lung injury (Silicosis); effects aggravated by smoking.

Ingestion: N/A

Eye:N/AHealth:2*Flammability:0Skin Contact/Absorption:N/AReactivity:0Pers. Protection:E

Signs and symptoms Associated with Exposure over TLV:

Short Term: Shortness of breath, coughing associated with inhalation of dust

Long Term: May cause Silicosis, a chronic disease of the lungs marked by acute fibrosis

Medical Conditions which may be Aggravated:

Emphysema, Silicosis, Chronic Bronchitis, or other respiratory disorders.

Any of Part I Listed as Carcinogens: (NTP, IARC, OSHA):

No.

HEALTH HAZARD INFORMATION EMERGENCY/FIRST AID PROCEDURES

Inhalation: If use conditions generate airborne contamination, the material should be handled in an open ventilated area. Where adequate ventilation is not available, use NIOSH-approved dust masks or respirators with dust, mist and fume filter to reduce exposure. Where exposure potential under the use conditions necessitates a higher level of protection, use a positive-pressure, air-supplied respirator.

Ingestion: All food should be kept in separate area away from the storage and use location. Eating, drinking and smoking should be prohibited in areas where there is a potential for significant exposure to this material. Before eating, hands and face should be thoroughly washed.

Eye Contact: Eye contact should be avoided through the use of chemical safety glasses, goggles or a face shield selected with regard for use condition exposure potential. Flush with water; consult physician and/or obtain competent medical assistance.

Skin Contact: Skin contact should be minimized through the use of gloves & suitable long-sleeved clothing selected with regard for use condition exposure potential. Wash with water.

VI. <u>CONDITIONS FOR SAFE USE (When Over TLV)</u>

Respiratory Protection: Use NIOSH/MSHA approved respirator if dust is present.

Eye Protection: Optional, but recommended. Protective Gloves: Recommended/Optional.

Other Protective Clothing/Equipment: None Required.

Ventilation Requirements: Local exhaust recommended; follow OSHA 1910.24

VII. <u>REACTIVITY DATA</u>

Is Material Stable?YesWill Hazardous Polymerization Occur? NoIncompatibility:NoneConditions to Avoid: None Known

<u>Hazardous Decomposition Products:</u> None.

VIII. SPECIAL PRECAUTIONS

Special Precautions for Handling & Storage: Avoid breathing dust. Minimize dust generation and exposure.

Other Precautions: Contains free Silica and Quartz. Always wear dust mask, long sleeves and eye protection when handling in dry form.

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