MATERIAL SAFETY DATA SHEET
Conforms to
OSHA Hazard Communication Standard 29CFR 1910, 1200

PRODUCT IDENTIFICATION

Trade Name: Blue Earth Glaze

Generic Name:

Manufacturer's Name: West Sioux Ceramics/Dakota Potters Supply

CAS Number: Mixture (see below)

Address: 2315 West Madison Street

Phone Number (Emergency): (605) 332-1946

City: Sioux Falls, SD

State:

Zip: 57104

I. PRODUCT INGREDIENTS

CHEMICAL AND/OR COMMON NAME	CAS NUMBER
Nepheline Syenite	37244-96-5
Gerstley Borate	12007-56-6 and 1319-33-1
Frit 3134	6597-18-4
Silica	14808-60-7
EPK	1332-58-7 and 14808-60-7
Red Iron Oxide	1332-37-2
Cobalt Carbonate	7542-09-8 and 3333-67-3
Rutile	13463-67-7,14808-60-7, 14940-68-2, 13909-37-1

II. PHYSICAL DATA

Boiling Point	Vapor Pressure	Specific Gravity	Melting Point
N/A	N/A	N/A	2150 degrees
Solubility in Water	**Vapor Density (Air-1)**	**Percent Volatile**	**Evaporation Rate**
Nil	N/A	N/A	N/A

Appearance and Odor:
Brown Powder when dry, red- brown liquid when wet, red-brown Gloss when fired.

III. FIRE AND EXPLOSION DATA

Flash Point:	Flammable Limits	LEL:	UEL:
Nonflammable & Non-explosive	Nonflammable	N/A	N/A

Extinguishing Media: N/A

Special Firefighting Procedures: None

Unusual Fire or Explosion Hazards: None .

IV. HEALTH HAZARD INFORMATION

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/A Health: 2* Flammability: 0 .

Skin Contact/Absorption: N/A Reactivity: 0 Pers. 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 .

V. 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. CONDITIONS FOR SAFE USE (When Over TLV)

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. REACTIVITY DATA

Is Material Stable? Yes Will Hazardous Polymerization Occur? No .
Incompatibility: None Conditions to Avoid: None Known .
Hazardous Decomposition Products: 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. .
.
.

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, the manufacturer makes no warranty with respect thereto and disclaims all liability from reliance thereon. This data relates only to the specific material(s) designated herein, and does not relate to use in combination with any other material(s) or in any process. Any use of this data and information must be determined by the user to be in accordance with Federal, State, and local laws and regulations.

.