

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

PRODUCT IDENTIFICATION

Trade Name: DPS 60
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:** SD **Zip:** 57104

I. PRODUCT INGREDIENTS

<u>CHEMICAL AND/OR COMMON NAME</u>	<u>CAS NUMBER</u>
<u>Goldart, 2161, OM4, Bentonite, 100 Mesh Sand</u>	<u>14808-60-7 and 13463-67-7</u>
<u>Greenstripe</u>	<u>1332-58-7</u>
<u>Nepheline Syenite</u>	<u>37244-96-5</u>

II. PHYSICAL DATA

Boiling Point	Vapor Pressure	Specific Gravity	Melting Point
<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>2350 degrees</u>
Solubility in Water	Vapor Density (Air-1)	Percent Volatile	Evaporation Rate
<u>Nil</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A.</u>

Appearance and Odor:
Gray when moist; cream color when fired.

III. FIRE AND EXPLOSION DATA

Flash Point:	Flammable Limits	LEL:	UEL:
<u>Nonflammable & Non-explosive</u>	<u>Non-flammable</u>	<u>N/A</u>	<u>N/A</u>

Extinguishing Media: N/A
Special Fire-fighting 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.

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