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

PRODUCT IDENTIFICATION

Trade Name: **Generic Name:**
DPS 210R
Manufacturer's Name: **CAS Number:**
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. PRODUCT INGREDIENTS

CHEMICAL AND/OR COMMON NAME	CAS NUMBER
Ball Clay (Hydrous Aluminum Silicate)	1332-58-7
Hydrous Calcium Magnesium (Talc) (non asbestos form).	14807-96-6
Calcium Carbonate (Limestone)	1317-65-3
Bentonite	1302-78-9
Respirable crystalline quartz	TWA-TLV=0-1mg/m3
Cristobalite & tridymite	see stability TWX-TLV – 0.05 mg/m3
IronOxide	1309-37-1

I. PHYSICAL DATA

Boiling Point	Vapor Pressure	Specific Gravity	Melting Point
N/A	N/A	N/A	2167 degrees

Solubility in Water	Vapor Density (Air-1)	Percent Volatile	Evaporation Rate
Nil	N/A	N/A	N/A

Appearance and Odor:
Red when moist; red color when fired.

I. FIRE AND EXPLOSION DATA

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

Extinguishing Media: N/A.
Special Fire-fighting Procedures: None.
Unusual Fire or Explosion Hazards: None.

I. 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.

I. 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.

I. 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

I. REACTIVITY DATA

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

I. 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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