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

PRODUCT IDENTIFICATION

Trade Name: Raku 2

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,

State: SD

Zip: 57104

I. PRODUCT INGREDIENTS

CHEMICAL AND/OR COMMON NAME	CAS NUMBER
Goldart, Bentonite	14808-60-7 and 13463-67-7
EPK	1332-58-7 and 14808-60-7
Grog (48 mesh)	14808-60-7;14464-46-1; 15468-32-3
J 2	1332-58-7
Talc	14567-73-8;14807-96-6;12135-86-3;17068-78-9
Pyrophyllite	14808-60-7;12269-78-2;12001-26-2;1332-58-7

II. PHYSICAL DATA

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

Appearance and Odor:
Gray when moist; off 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
Special Fire-fighting Procedures: None.
Unusual Fire or Explosion Hazards: None

HEALTH HAZARD INFORMATION
HAZARD BY ROUTES OF EXPOSURE (Indicate Chronic and Acute)
Inhalation: Re
p
eated, 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.

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.

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

REACTIVITY DATA

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

SPECIAL PRECAUTIONS

Special Precautions for Handling & Storage: Avoid breathing dust. Minimize dust gene