



MSDS

#PG810

PG810 Piepenburg Red-Bronze Raku Glaze Cone 04-06

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Section I: Manufacturer Information

Name:	Georgies Ceramic & Clay Co.	Date Prepared:	17 April 2008
Address:	756 NE Lombard Portland, OR 97211	Last Revision:	17 April 2008
Phone:	503.283.1353	Prepared by:	C.Runyan
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Section II: Hazardous Ingredients

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Other Limits</u>	<u>% Weight</u>
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Other information:

All glazes in Georgies' PG800 series are lead-free. They contain metal oxides in concentrations of 10-12% of solid dry weight, making them unsuitable for food or drink containers. These glazes may contain metallic iron, cobalt, copper and/or nickel oxides or carbonates, used as pigments.

Section III: Physical Data

Boiling Point:	212°F	Melting Point:	1800°F	Freezing Point:	n/a
Water Soluble:	Negligible	Vapor Pressure:	n/a	Vapor Density:	n/a
pH (Acid/Alkali):	0.0	Appearance/Odor:	Colored opaque liquid with earthy odor.		

Section IV: Fire & Explosion Hazard Data

This product is nonflammable and will not burn. No fire or explosion hazards.

Section V: Reactivity Data

Conditions to Avoid:	Avoid breathing smoke during open firing process Respirator with vapor cartridges should be worn to avoid both smoke and volatilized metal oxides.
Chemical Incompatibilities:	None.
Stability:	Product is stable. No decomposition or polymerization risk.

Section VI: Health Hazard Data

Routes of Entry:	Inhalation, Ingestion.
Carcinogenicity:	None reported on NTP or IARC monograph. Not OSHA regulated.
Health Hazards: (Acute &/or Chronic)	Metallic oxides vaporize during firing. Do not breathe smoke or vapor during open firing process. Wear respirator with vapor cartridges to avoid respiration of smoke or volatilized metals.
Signs & Symptoms:	None.

Section VI-A: Emergency & First Aid Procedures

Dust Exposure:	Not applicable.
Eye Contact:	Flush with clean water for at least 15 minutes.
Skin Contact:	Wash with soap & water. Get medical attention if irritation persists.
Ingestion:	Drink lots of water to flush system. Seek medical help if needed.

Section VII: Precautions for Safe Handling

If Released or Spilled:	Clean up promptly with paper towels or damp sponge.
Waste Disposal:	Put paper towels in trash or rinse out sponge.
Handling & Storage:	Keep container tightly closed.
Other Precautions:	DO NOT SMOKE while using glazes of any kind. Smoking increases chance of respirating free silica, which may be present as dust.

Section VIII: Control Measures

Respiratory Protection:	If spraying, do not inhale mist. Use NIOSH-approved respirator.
Ventilation:	Open firing process should never be done indoors.
Eye Protection:	Use safety glasses when spraying to keep mist out of eyes.
Gloves/Clothing:	Use appropriate protective equipment for open firing process.
Work Practices:	Good personal & studio hygiene practices should be followed.