



MSDS

#CC55I

CC55I

Pendleton Red Clay

Cone 8-10

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
Emergency:	503.283.1353		

Section II: Hazardous Ingredients

Hazardous Component	OSHA PEL	ACGIH TLV	Other Limits	% Weight
---------------------	----------	-----------	--------------	----------

Other information:

Clay contains silica and quartz, which are harmful only with prolonged and/or excessive respiration of airborne dust.

Section III: Physical Data

Boiling Point:	n/a	Melting Point:	n/a	Freezing Point:	n/a
Water Soluble:	Negligible	Vapor Pressure:	n/a	Vapor Density:	n/a
pH (Acid/Alkali):	0.0	Appearance/Odor:	Grayish gritty moist solid 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:	Free quartz changes structure to form TRIDYMITE (above 870°C) and CRISTOBALITE (above 1470°C) which pose greater health hazards than quartz.
Chemical Incompatibilities:	Hydrofluoric acid dissolves this clay, producing silicon tetrafluoride.
Stability:	Product is stable. No hazardous decomposition or polymerization risk.

Section VI: Health Hazard Data

Routes of Entry:	Inhalation, Skin Contact, Ingestion.
Carcinogenicity:	None reported on NTP or IARC monograph. Not OSHA regulated.
Health Hazards:	Prolonged exposure to dust may cause lung fibrosis (silicosis), a progressive pulmonary fibrosis. Silicosis is chronic and slow-developing; symptoms may be delayed 10 years or more.
Signs & Symptoms:	Cough, dyspnea, wheeze, impaired pulmonary function, progressive symptoms, itching. May aggravate existing skin or lung conditions.

Section VI-A: Emergency & First Aid Procedures

Dust Exposure:	Get fresh air.
Eye Contact:	Wash eyes immediately with clean water.
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 & collect, minimizing dust generation. Use wet or dustless systems or devices to clean up. Caution: causes slippery surfaces when wet.
Waste Disposal:	Follow appropriate local, state & federal regulations for disposal.
Handling & Storage:	If dust concentrations exceed PEL or TLV, use NIOSH-approved dust respirators & goggles. Maintain adequate ventilation in storage areas.
Other Precautions:	If ceramic bodies are fired to high temperatures (ie 870-1470°C), they may contain TRIDYMITE or CRISTOBALITE, which pose greater health hazards than quartz.

Section VIII: Control Measures

Respiratory Protection:	Up to 5x PEL: any dust respirator. Up to 10x PEL: any, except single-use or quarter-mask. Up to 50x PEL: NIOSH-approved high-efficiency full face particle mask.
Ventilation:	Not required, but we recommend local ventilation.
Eye Protection:	Goggles recommended if dust concentration exceeds PEL or TLV.
Gloves/Clothing:	Gloves optional. Other protective clothing/equipment not required.
Work Practices:	Good housekeeping to minimize dust generation.

Disclaimer

Information presented herein has been compiled from sources considered to be dependable, and is accurate and reliable to the best of our knowledge, but is not guaranteed to be so. Because conditions of use of this product are beyond our control, we make no warranties, expressed or implied. This data is provided solely for your consideration and investigation.

All contents © 2008 by Georgies Ceramic & Clay Co. Inc. Permission granted to reprint this page for your use.

Georgies Ceramic & Clay Co. Inc.
756 NE Lombard • Portland OR 97211
503.283.1353 • 800.999.CLAY

Please send comments or questions to:
safety@georgies.com