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MSDS

#CC547

CC547
Wonder White Clay

Section I: Manufacturer Information

Name: Georgies Ceramic & Clay Co. Date Prepared: 13 August 2005
Address: 756 NE Lombard Last Revision: 14 May 2013
Portland OR 97211 Prepared By: Christy 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 clays contain quartz and silica, which are harmful only with prolonged exposure and/or excessive respiration of airborne dry dust. Good studio hygiene & cleaning practices mitigate risks.

Section III: Physical Data

Boiling Point:	n/a	Vapor Pressure:	n/a
Melting Point:	n/a	Vapor Density:	n/a
Freezing Point:	n/a	Specific Gravity:	n/a
Water solubility:	Negligible	Appearance & Odor:	Light grey moist solid with earthy odor.
pH (Acid/Alkali):	0.0		

Section IV: Fire & Explosion Hazard Data

This ceramic product is nonflammable and will not burn. No fire or explosion hazards. It will withstand heat in the range of up to 2000° F (1093° C).

Section V: Reactivity Data

Conditions to Avoid: Free quartz changes structure to form TRIDYMITE (above 870° C / 1598° F) or CRISTOBALITE (above 1470° C/2678° F) which pose greater health risks than quartz.

Chemical Incompatibilities: Hydrofluoric acid dissolves this clay in an endothermic reaction, producing silicon tetrafluoride.

Stability: Product is stable. No hazardous decomposition or polymerization.

Section VI: Health Hazard Data

Routes of Entry: Inhalation, Skin, Ingestion

Carcinogenicity: None reported on NTP or IARC monographs. 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 lung or skin conditions.

Section VI-A: Emergency & First Aid Procedures

Dust exposure: Move to fresh air. Consult physician as necessary.

Eye contact: Wash eyes immediately with clear water. Consult physician as necessary.

Skin Contact: Wash with soap & water. Consult physician as necessary.

Ingestion: Drink lots of water to flush system. Consult physician as necessary.

Section VII: Precautions for Safe Handling

If Released or Spilled: Clean up & collect, minimizing dust generation. Use wet or dustless devices or systems to clean up. Causes slippery surfaces when wet.

Waste Disposal: Follow appropriate federal, state and local regulations for disposal.

Handling & Storage: If dust concentration is high, use NIOSH-approved dust respirators and goggles. Maintain adequate ventilation in storage areas.

Other Precautions: Practice good housekeeping. Maintain proper containment or storage of material in sealed or closed bags or containers.

Section VIII: Control Measures

Respiratory Protection: Use approved NIOSH/NSHA respirator if dust is present.

Ventilation: Not required, but we recommend local ventilation.

Eye Protection: Goggles recommended if dust concentration requires respirator use.

Protective Gloves: Gloves are optional. Other clothing or equipment is not required.

Work Practices: Practice good housekeeping to minimize dust generation.

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