

CL130 • White Cast Slip

Section I: Manufacturer Information

Name: Georgies Ceramic & Clay Co. Date Prepared: 29 September 1998
Address: 756 NE Lombard Last Revision: 29 September 1998
Portland OR 97211 Prepared By: Christy Runyan
Phone: 503.283.1353 or 800.999.2529
Emergency: 503.283.1353 or 800.999.2529

Section II: Hazardous Ingredients

| <u>Hazardous Component</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>Other Limits</u> | |
|----------------------------|-----------------|------------------|---------------------|-----------------|
| | | | <u>Recommended</u> | <u>% Weight</u> |

Other Information:

Free silica or respirable quartz may be present in dust when product is allowed to dry. Silica & quartz are harmful only when prolonged and/or excessive respiration of airborne dust occurs.

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 copyright 2012
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 • 800.999.2529

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

Section III: Physical Data

| | | | |
|-------------------|------------|--------------------|-------------------------------|
| Boiling Point: | 212 °F | Vapor Pressure: | n/a |
| Melting Point: | 2200 °F | Vapor Density: | n/a |
| Freezing Point: | n/a | Specific Gravity: | 1.50 |
| Water solubility: | Negligible | Appearance & Odor: | Grey liquid with earthy odor. |
| pH (Acid/Alkali): | 0.0 | | |

Section IV: Fire & Explosion Hazard Data

| | | | |
|----------------------|---------------|-------------------------|----------------|
| Flash Point: | Nonflammable. | Extinguishing Media: | |
| Method Used: | n/a | Firefighting Procedure: | Will not burn. |
| UEL Flammable Limit: | n/a | Fire/Explosion Hazards: | None. |
| LEL Flammable Limit: | n/a | | |

(Product is made of ceramic materials, able to withstand heat over 2200 °F).

Section V: Reactivity Data

Conditions to Avoid: Free quartz can change structure to form TRIDYMITE (over 870 °C) or CRISTOBALITE (over 1470 °C) which have greater health hazards than quartz.

Chemical Incompatibilities: Hydrofluoric acid dissolves this clay, and the endothermic chemical interaction produces silicon tetrafluoride.

Stability: Stable: hazardous polymerization will not occur.

CL130 • White Cast Slip

Section VI: Health Hazard Data

| | |
|---------------------------------------|--|
| Routes of Entry: | Inhalation, Ingestion, Skin contact |
| Exposure Symptoms: | Cough, dyspnea, wheeze, impaired pulmonary function, or progressive symptoms if dust is inhaled. Itching on skin contact. May aggravate existing lung or skin conditions. |
| Health Hazards: (Acute or Chronic) | Prolonged exposure to dust may cause fibrosis of the lung (silicosis), a progressive pulmonary fibrosis. Silicosis is chronic and slow-developing: symptoms may be delayed 10 years or more. |
| Carcinogenicity: | None reported. (NTP: No. IARC Monograph: No. OSHA regulated: No.) |

Section VI-A: Emergency & First Aid Procedures

| | |
|----------------|---|
| Dust exposure: | Move to fresh air. Consult physician as necessary. |
| Eye contact: | Wash eyes immediately with clean water. Consult physician as necessary or if eye irritation persists. |
| Skin Contact: | Wash with soap & water. Consult physician as necessary or if skin irritation persists. |
| Ingestion: | Drink lots of water to flush system. Consult with physician if needed. |

Section VII: Precautions for Safe Handling

| | |
|-------------------------|---|
| If Released or Spilled: | If liquid, clean up with paper towels, mop, or wet sponge. If allowed to dry, minimize dust generation while cleaning up spills. |
| Waste Disposal: | May be buried in approved land disposal facility in accordance with applicable local, state or federal regulations. |
| Handling & Storage: | If dust concentrations exceed PEL or TLV limits, 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 containers. |

Section VIII: Control Measures

| | |
|-------------------------|--|
| Respiratory Protection: | Dust mask recommended when cleaning up spills or working with items made of dry slip (ceramic greenware). |
| Ventilation: | We recommend local exhaust, but there are no special requirements or conditions for these systems. Minimize generation and accumulation of dust in work areas. |
| Eye Protection: | Not needed. |
| Protective Gloves: | Optional. |
| Other PPE: | Apron may be desirable (optional). |
| Work Practices: | Spills should be cleaned up promptly, and use good housekeeping practices 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 copyright 2012
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 • 800.999.2529

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