



MSDS

#CC-512

CC512:
Three Finger Jack
Cone 8-10
Clay

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

Section I: Manufacturer Information

| | | | |
|------------|-----------------------------------|----------------|------------------|
| Name: | Georgies Ceramic & Clay | Date Prepared: | 30 November 1999 |
| Addr: | 756 NE Lombard, Portland OR 97211 | Last Revision: | 30 November 1999 |
| Phone: | 503.283.1353 | Prepared by: | Christy Runyan |
| Emergency: | 503.283.1353 | | |

Section II: Hazardous Ingredients

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

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

Section III: Physical Data

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|-------------------|-------------|------------------|------------------------------------|-----------------|-----|
| 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: | Grey 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

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| Conditions to Avoid: | Free quartz changes structure to form TRIDYMITE (above 870 C) or 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 risks. |

Section VI: Health Hazard Data

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|-------------------|---|
| Routes of Entry: | Inhalation, Skin, 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 up to 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

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| 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: | |

Section VII: Precautions for Safe Handling

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| If Released or Spilled: | Clean up & collect, minimizing dust generation. Use wet or dustless systems or devices to clean up. Causes slippery surfaces when wet. |
| Waste Disposal: | Follow appropriate federal, state and local 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 hazards than quartz. |

Section VIII: Control Measures

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| Respiratory Protection: | Up to 5x PEL: any dust respirator. Up to 10x PEL: any, except single use or 1/4 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 are optional. Other clothing or equipment not required. |
| Work Practices: | Good housekeeping to minimize dust generation. |