



# MSDS

## #CC-535A

CC535A:  
Trail Mix Toast  
Cone 4-7  
Clay

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### Section I: Manufacturer Information

Name: Georgies Ceramic & Clay  
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Date Prepared: 30 November 1999  
Last Revision: 30 November 1999  
Prepared by: Christy Runyan

### 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

|                   |             |                  |                                           |                 |     |
|-------------------|-------------|------------------|-------------------------------------------|-----------------|-----|
| 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: | Light brown 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) 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

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

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

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

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 are optional. Other clothing or equipment not required.

Work Practices: Good housekeeping to minimize dust generation.