

# MATERIAL SAFETY DATA SHEET

For compliance with OSHA's 29 CFR 1910.1200 and Bill No. 70 WHMIS Hazard Communications Standards

## Section 1: Company and Product Identification

Product Name:  
TC103 Clear Base

Chemical Name:  
Ceramic Glaze

Company Name and Address:  
Aardvark Clay & Supplies, Inc.  
1400 E. Pomona Street  
Santa Ana, Ca 92705

Telephone Number: (714)541-4157

Facsimile Number: (714)541-2021

## Section 2: Hazard Ingredients / Identity Information

Hazardous Components (Specific Chemical Identity; Common Name)

| <u>Ingredient</u>           | <u>C.A.S. Number</u> | <u>%</u> | <u>Exposure Limits</u> |          |
|-----------------------------|----------------------|----------|------------------------|----------|
| Crystalline Silica (Quartz) | 14808-60-7           | <28      | OSHA/PEL               | 0.1mg/M3 |
|                             |                      |          | ACGIH/TLV              | 0.1mg/M3 |
| Zinc Oxide                  | 1314-13-2            | <3       | OSHA/STEL              | 5mg/M3   |
|                             |                      |          | ACGIH/TLV              | 5mg/M3   |

## Section 3: Physical Data

|                                        |                                    |
|----------------------------------------|------------------------------------|
| Solubility in Water                    | Negligible                         |
| Appearance                             | Color Variable, White to Off-white |
| Odor                                   | No Odor                            |
| Specific Gravity (H <sup>2</sup> O =1) | Above 2                            |
| Melting Point                          | Above 1200 F                       |
| Boiling Point                          | N/A                                |
| % Volatile by Volume                   | N/A                                |

## Section 4: Fire and Explosion Data

Non-flammable

## Section 5: Health Hazard Data

PRINCIPAL ROUTES OF ABSORPTION: Inhalation and Ingestion

EFFECTS OF OVEREXPOSURE: Prolonged contact with glaze dust can be irritating to the eyes and may be irritating to skin. High dust levels can be irritating to the respiratory tract. With adequate ventilation, dust control and good personal hygiene, symptoms of over exposure should not occur. Advise regular medical monitoring of employees by a physician competent in industrial health.

EMERGENCY & FIRST AID PROCEDURES: If overexposure is suspected move to fresh air. If breathing is difficult give oxygen. Contact physician. For dust in eyes, flush immediately with clean water and contact physician.

SOURCE OF HEALTH HAZARD DATA: This MSDS was developed from information on the constituent substances of this glaze compound, not from test data on the glaze itself.

## SECTION 6: REACTIVITY DATA

|                 |        |
|-----------------|--------|
| Stability       | Stable |
| Incompatibility | None   |

|                          |                |
|--------------------------|----------------|
| Hazardous Decomposition  | None           |
| Hazardous Polymerization | Will not occur |

## **Section 7: Spill, Leak, and Disposal Procedures**

If uncontaminated, sweep or vacuum and reuse as product.

If contaminated, collect in suitable container. Avoid generating dust.

Dispose of in an approved landfill facility in accordance with the applicable federal, state, and local regulations.

## **Section 8: Special Protection Information**

Respiratory Protection:

Use NIOSH/MSHA approved dust mask if exposure exceeds TLV.

Ventilation:

Use local exhaust.

Eye Protection:

Use NIOSH/OSHA approved safety glasses as needed

Skin Protection:

Latex gloves may be used for those persons with sensitive skin.

Other Protective Clothing or Equipment:

Wear appropriate clean, clothing such as, but not limited to, coveralls, smocks, aprons, shoes, hats.

Work/Hygienic Practices:

Food, beverages and smoking materials should not be in the work area. Hygiene is VERY important. Wash thoroughly before eating, drinking, smoking or applying cosmetics.

## **Section 9: Transportation Requirements**

This product is not considered hazardous by D.O.T. regulations.

## **Section 10: Additional Information**

Wear NIOSH/MSHA approved dust mask when working in dust conditions.

Food, beverages and smoking materials should NOT be in the work area. Persons using ceramic materials should wash thoroughly before eating, drinking, smoking or applying cosmetics.

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This data sheet is subject to change without notice.