

Amaco Crystaltex Glazes (Lead-Free-Copper)  
CTL Series - Copper

7/16/2024: File reviewed, more current MSDS/SDS not available. CAS

**MATERIAL SAFETY DATA SHEET**

Product: Crystaltex Glazes (Lead free - Copper) Product Code: CTL Series - Copper  
Manufacturer's Name: American Art Clay Co., Inc.  
6060 Guion Road  
Indianapolis, IN 46254  
Information Number: (800) 374-1600 Emergency Number: (800) 374-1600

Section I - Product Identification

Product Name: Crystaltex Glazes Product Class: Ceramic Glaze Product Size: 16 oz.  
Lead Free / Copper  
CTL - 20, 26, 34 and Class Pack

Section II - Hazardous Ingredients

Reportable Components	CAS#	Vapor Pressure Mm Hg @ Temp	Weight Percent
Copper Carbonate	7492-68-4		
Copper: ACGIH TLV 1mg/M3, OSHA PEL 1mg/M3 @ CU			
Water	7732-18-5		
Sodium Borosilicate Frit	65997-18-4		
Clay	1332-58-7		
Gum	9004-32-4		

This product carries the "CL" seal. Labeling conforms to ASTM D4236. Contains copper. Refer to Section VI.

Section III - Physical / Chemical Characteristics

Boiling Range: NA Specific Gravity (H2O=1): Less than 2  
Vapor Density: NA Evaporation Rate: NA  
Coating V.O.C.: NA Material V.O.C.: NA  
Appearance and Odor: Liquid

Section IV - Fire and Explosion Hazard Data

Flash Point: NA Method Used: NA  
Flammable Limits in Air by Volume: NA - Lower NA - Upper  
Extinguishing Media: NA  
Special Firefighting Procedures: No fire hazard.  
Unusual Fire and Explosion Hazards: No fire hazard.

Section V - Reactivity Data

Stability: Stable Conditions to Avoid: None  
Incompatibility (Materials to Avoid): None  
Hazardous Decomposition or Byproducts: Will not occur.  
Hazardous Polymerization: Will not occur.

Section – Health Hazard Data

Inhalation Health Risks and Symptoms of Exposure: None

Skin and Eye Contact Health Risks and Symptoms of Exposure: Eye – rinse eyes thoroughly with water for 15 minutes. If irritation persists contact physician. Skin – wash hands with soap and water after use.

Skin Absorption Health Risks and Symptoms of Exposure: None.

Ingestion Health Risks and Symptoms of Exposure: May be harmful if swallowed. May cause damage to the kidneys, liver or anemia. If swallowed get prompt medical attention.

Health Risks (Acute / Chronic): Contains soluble copper. See above.

Carcinogenicity: N- NTP Carcinogen      N – IARC Monographs      N – OSHA Regulated

Medical Conditions Generally aggravated by Exposure: Unknown

Emergency and First Aid Procedures: Contact your local poison control for further information.

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Section VII – Precautions for Safe Handling

Steps to be taken in case material is released or spilled: Clean with paper towel, sponge and soapy water.

Waste Disposal Method: Dispose of paper towel in trash and rinse sponge. In manufacturing, dispose of in accordance to Local, State or Federal regulations.

Precautions to Be Taken in Handling and Storing: Always keep lid tightly on jar of moist product while not in use or storage. Uncovered product will dry out.

Other Precautions: **NOT FOR USE BY CHILDREN OR HEALTHCARE FACILITIES.**

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VIII – Control Measures

Respiratory Protection: Not needed for brush or sponge application.

Ventilation: Not needed. Product not for spray application.

Protective Gloves: Not needed

Eye Protection: Not needed

Other Protective Clothing or Equipment: Not needed.

Work / Hygienic Practices: Refer to AMACO Product Encyclopedia & Safety Manual.

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IX – Disclaimer

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Prepared by: L. Jenkins  
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