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- 0129**MATERIAL SAFETY DATA SHEET**

Product Name: Crystaltex Glazes (Lead free) Product Code: CTL Series (1)  
 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 Glaze Product Class: Ceramic Glaze Product Size: 16 oz.  
 (Lead free)

CTL 1, 3, 9, 10, 11, 13,15, 22, 31, 32, 36, 41, 42, 43, 61 & 65

## Section II – Hazardous Ingredients

Reportable Components	CAS#	Vapor Pressure Mm Hg @ Temp	Weight Percent
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No reportable quantities of hazardous ingredients are present.

Carries the "AP" Seal. No hazardous ingredients. Labeling conforms to ASTM D4236.

## Section III – Physical / Chemical Characteristics

Boiling Range: NA	Specific Gravity (H2O=1): Less than 2
Vapor Density: Heavier than air.	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 VI – Health Hazard Data

Inhalation Health Risks and Symptoms: None

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CTL Series (1)

Skin and Eye Contact Health Risks and Symptoms of Exposure: Eye – rinse eyes 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: No hazardous ingredients.

Health Hazards (Acute / Chronic): No hazardous ingredients.

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 health information.

#### Section VII – Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Specific steps not necessary.

Waste Disposal Method: Dispose of paper towels 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: None

#### Section VIII – Control Measures

Respiratory Protection: Not needed.

Ventilation: Not needed.

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. Manual available upon request.

#### Section IX – Disclaimer

Information presented herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Since conditions of use are beyond our control we make no warranties, expressed or implied, except those that may be contained in our written acknowledgement.

Prepared by: L. Jenkins  
2005

**MATERIAL SAFETY DATA SHEET**

Product: Crystaltex Glazes (Lead free – Copper) Product Code: CTL Series (2)  
 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 12, 20, 26, 34, 35

**Section II – Hazardous Ingredients**

Reportable Components	CAS#	Vapor Pressure Mm Hg @ Temp	Weight Percent
Copper Carbonate Copper: ACGIH TLV 1mg/M3, OSHA PEL 1mg/M3 @ CU	7492-68-4		

Carries the "CL/HL" 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

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CTL Series (2)

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.

#### 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.

#### 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. Manual available upon request.

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Prepared by: L. Jenkins  
2005

**MATERIAL SAFETY DATA SHEET**

Product Name: Crystaltex Glazes (Leaded) Product Code: CTL Series (3)  
 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 (Leaded) Product Class: Ceramic Glaze Product Size: 16 oz.  
 CTL 33, 50, 54

**Section II – Hazardous Ingredients**

Reportable Components	CAS#	Vapor Pressure Mm Hg @ Temp	Weight Percent
Ceramic Frit	65997-18-4		
Lead Compd. – ACGIH TLV .05mg/M3, OSHA PEL .05mg/M3 @ PB			

Carries the "CL/HL" Seal. Labeling conforms to ASTM D4236. Contains lead borosilicate Frit. **NOT FOR USE IN HOME OR HOME STUDIO.** Tableware producers are responsible in complying with FDA guidelines for lead release for tableware.

- Indicates toxic chemical (s) subject to reporting of Section 313 of Title III and of 40 CFR 372 are present.

**Section III – Physical / Chemical Characteristics**

Boiling Range: NA	Specific Gravity (H2O=1): Less than 2
Vapor Density: Heavier than Air.	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 (Material to Avoid): None	
Hazardous Decomposition or Byproducts: Will not occur.	

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CTL Series (3)

Hazardous Polymerization: Will not occur.

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#### Section VI – Health Hazard Data

Inhalation Health Risks and Symptoms of exposure: May cause damage to the lungs by inhalation of dust or mist. Cancer agent based on laboratory tests. Not for spray application.

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: May be harmful if swallowed. Wash hands after use.

Ingestion Health Risks and Symptoms of Exposure: May be harmful if swallowed. Cancer agent based on experimental data. May cause damage to the lungs by inhalation of dust or mist. Exposure may cause damage to the testes, difficulty in child bearing or harm to the developing fetus. Exposure may cause nervous system, kidney or bone marrow damage.

Health Hazards (Acute / Chronic): Contains lead borosilicate frit. See above.

Carcinogenicity: Yes – NTP Carcinogen      Yes – 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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#### VII – Precautions for Safe Handling and Use

Steps To Be Taken In Case Material Release or Spilled: Clean with paper towels, sponge and soap and water. Damp mop after use. DO not create dust. Cleaning should be on routine basis.

Waste Disposal Method: Dispose of paper towels 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: Wear Apron. Always keep lid tightly on jar of product while not in use or storing. Uncovered product will dry out.

Other Precautions: **NOT FOR USE BY CHILDREN OR HEALTHCARE FACILITIES. Do not eat, drink or smoke while using. Wear apron and wash hands immediately after use. Do not use if pregnant or contemplating pregnancy.**

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#### Section VIII – Control Measures

Respiratory Protection: Not needed for brush or sponge application. Product not for spray application.

Ventilation: Not needed for brush or sponge application. Product not for spray application.

Protective Gloves: Not needed.

Eye Protection: Not needed.

Other Protective Clothing or Equipment: Apron

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CLT Series (3)

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

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