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MATERIAL SAFETY DATA SHEET

Product: Opalescent Glazes (lead free) Product Code: O 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
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Section I - Product Identification

Product Name: Opalescent Glazes Product Class: Ceramic Glaze Product Size: 16 oz.
O 10, 11, 12, 30, 42, 52, 54, 57, 60

Section II - Hazardous Ingredients

Reportable Components CAS# Vapor Pressure Weight
Mm Hg @ Temp Percent

No reportable quantities of hazardous ingredients are present.

No hazardous ingredients. Carries the "AP" Seal. 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 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 using.

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O Series (1)

Skin Absorption Health Risks and Symptoms of Exposure: None. Wash hands with soap and water after use.

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 released or spilled: Specific steps not necessary.

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 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: When spraying use NIOSH certified mask for dust or mist. Not needed for brush, sponge or dipping application.

Ventilation: Not needed for normal application,. If spraying use spray booth.

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 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: Opalescent Glazes – Copper  
 Manufacturer's Name: American Art Clay Co., Inc.  
 6060 Guion Road  
 Indianapolis, IN 46254

Product Code: O Series (2)

Information Number: (800) 374-1600  
 Emergency Number: (800) 374-1600

**Section I – Product Identification**

Product Name: O Series (Lead Free)  
 Copper  
 Product Class: Ceramic Glaze  
 Product Size: 16 oz.

O 2, 20, 21, 23, 26

**Section II – Hazardous Ingredients**

| Reportable Components  | CAS#      | Vapor Pressure<br>Mm HG @ Temp | Weight<br>Percent |
|--|-----------|--------------------------------|-------------------|
| Copper Carbonate<br>Copper – ACGIH TLV 1 mg/M3, OSHA PEL 1mg/M3 @ CU | 7492-68-4 |                                | 5                 |

Carries the "CL/HL" Seal. Labeling conforms to ASTM D4236. Contains Copper. Refer to Section VI.

**Section III – Physical / Chemical Characteristics**

Boiling Point: NA  
 Vapor Density: Heavier than air.  
 Coating V.O.C.: NA  
 Appearance and Odor: Liquid

Specific Gravity (H2O=1): Less than 2  
 Evaporation Rate: NA  
 Material V.O.C.: NA

**Section IV – Fire and Explosion Hazard Data**

Flash Point: NA  
 Flammable Limits In Air By Volume: NA – Lower  
 Extinguishing Media: NA  
 Special Firefighting Procedures: No fire hazard.  
 Unusual Fire and Explosion Hazards: No fire hazard.

Method Used: NA  
 NA – Upper

**Section V- Reactivity Data**

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

Conditions to Avoid: None

**Section VI – Health Hazard Data**

Inhalation Health Risks and Symptoms of Exposure: None. Product not for spray application

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

**Health Risks (Acute / Chronic):** Contains 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 health information.

#### Section VII – Precautions For Safe Handling

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

**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 IN HEALTHCARE FACILITIES.

#### Section VIII – Control Measures

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

**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.

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