

<b>30406-5006</b>
<b>-5156</b>
<b>-7646</b>

**MATERIAL SAFETY DATA SHEET**

**PRODUCT:** F Series Glazes Lead free Copper/Cobalt      **Product Code:** F 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:** F Series Glazes Lead free Copper/Cobalt      **Product Class:** Ceramic Glaze      **Product Size:** 16 oz.

F 26, 27, 47

**Section II – Hazardous Ingredients**

Reportable Components	CAS#	Vapor Pressure Mm Hg @ Temp	Weight Percent
Copper Oxide Blend	1317-38-0		5
Copper Oxide – ACGIH TLV 1mg/M3, OSHA PEL 1 mg/M3 @ CU			
Cobalt Silicate Blue Olivine	77364		5.05
Cobalt – ACGIH TLV .02mg/M3, OSHA PEL .10mg/M3 @ CO			
Copper Carbonate	7492-68-4		5
Copper – ACGIH TLV 1mg/M3, OSHA PEL 1 mg/m3@ CU			
Water	7732-18-5		
Gum	9004-32-4		

Carries the CL/HL Seal. Labeling conforms to ASTM D4236. Contains copper or cobalt. Refer to Section VI.

**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.

Page 2  
F Series (2)

---

#### Section VI – Health Hazard Data

Inhalation Health Risks and Symptoms of Exposure: None. Product not for spray application  
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 with soap and water after use.

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

Health Hazard (Acute / Chronic): Contains soluble Copper/Cobalt. 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 center for further information.

---

#### Section VII – Precautions for Safe Handling

Steps to be taken if material spilled or released: 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 or 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.

Ventilation: Not need.

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  
2006