

# MATERIAL SAFETY DATA SHEET

PRODUCT: F Series Glazes Lead free Copper/Cobalt      Product Code: F Series (2)  
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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: F Series Glazes Lead free      Product Class: Ceramic Glaze      Product Size: 16 oz.  
Copper/Cobalt

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			

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.

## 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

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Prepared by: L. Jenkins  
1/2004