

**MATERIAL SAFETY DATA SHEET**

Product: Raku Glazes (Copper)

Product Code: R Series - Copper

---

Manufacturer: 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

R 12 Blue Bell, R 13 Smokey Blue, R 14 Smokey Lilac, R 15 Caribbean Blue, R 16 Copper Patina, R 17 Tarnished Silver, R 18 Lustrous Copper & R 19 Copper Matte

---

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		
Flint	14808-60-7		

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: 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	
Specific 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 use.

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

Health Hazard Data (Acute / Chronic); Contains soluble copper. See above.

Carcinogenicity: NC – 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 In Case Material Is Released or Spilled: Specific steps not necessary.

Waste Disposal Method: Dispose of paper towels in trash and rinse sponges. 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.

---

#### SECTION VIII – Control Measures

Respiratory Protection: Not needed for brush or sponge 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.

---

#### 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 for those that may be contained in our written acknowledgement.

Prepared by: L. Jenkins  
2009