

**MATERIAL SAFETY DATA SHEET**

351851/623-053  
351860/623-056  
351875/623-066

Product: Lead / Cadmium Gloss Glazes

Product Code: LG Series (4)

Revd MARCH 2006

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: Gloss Glazes      Product Class: Ceramic Glazes      Product Size: 16 oz.

LG 53, 56 & 66

Section II - Hazardous Ingredients

Reportable Components	CAS#	Vapor Pressure Mm Hg @ Temp	Weight Percent
Ceramic Frit	65997-18-4		49.67
	Lead Compd. - ACGIH TLV .05mg/M3, OSHA PEL .05mg/M3 @ PB		
	Cadmium Compd. - ACGIH TLV 10 ug/M3, OSHA PEL 5 ug/M3 @ CD		
Water	7732-18-5		
Clay	1332-58-7		
Flint	14808-60-7		
Gum	9004-32-4		

Carries the "HL/CL" Seal. Labeling conforms to ASTM D4236. Contains lead borosilicate frit and cadmium pigment.  
**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.	

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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.

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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. Refer to Health Hazard Data for further information.

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.

Skin Absorption Health Risks and Symptoms of Exposure: May be harmful if swallowed. Wash hands with soap and water after using.

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 with 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 health information.

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Section VII – Precautions for Safe Handling and Use

Steps To Be Taken In Case Material Release or Spilled: Clean with paper towel and wet sponge. Wash with soap and water. Damp mop after use. Do not create dust. Cleaning should be on a 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 moist product while not in use or storing. Uncovered product will dry out.

Other Precautions: **NOT FOR USE BY CHILDREN OR IN 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.

Protective Gloves: Not needed.

Eye Protection: Not needed.

Other Protective Clothing or Equipment: Apron

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

Section IX – Disclaimer

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2005