

MATERIAL SAFETY DATA SHEET

928

97-1449C  
97-1455C  
97-3256

PRODUCT NAME: LG.10 CLEAR TRANSPARENT  
PRODUCT CODE: LG.10

\*\*\*\*\* SECTION I - MANUFACTURER IDENTIFICATION \*\*\*\*\*

MANUFACTURER'S NAME: AMERICAN ART & CLAY CO., INC.  
ADDRESS: 4717 WEST SIXTEENTH STREET, INDIANAPOLIS, INDIANA 46222  
EMERGENCY PHONE: (317)244-6871 INFORMATION PHONE: (317)244-6871  
DATE REVISED : 04-25-91 NAME OF PREPARER : Laura Jenkins

\*\*\*\*\* SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION \*\*\*\*\*

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP
		OSHA PEL	ACGIH TLV	OTHER	
LEAD OXIDE	1317-36-8	0.05MG/M3	0.15MG/M3		10.0 1985F
ALUMINUM OXIDE		10MG/M3	10MG/M3		N/A
SODIUM POTASSIUM ALUMINUM SILICATE	68476-25-5		0.1mg/m3	@ Silicate	N/A
ALUMINUM SILICATE	1332-58-7	15mg/m3	10mg/m3	total dust	N/A

\*\*\* No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. \*\*\*  
No acute hazardous ingredients. Bears the HL Seal. Labeling conforms to ASTM D4236. Contains lead borosilicate frit. A lead glaze frit is an amorphous glass.

\*\*\*\*\* SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS \*\*\*\*\*

BOILING POINT: N/A SPECIFIC GRAVITY (H2O=1): LESS THAN 2  
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER  
COATING V.O.C. : N/A  
SOLUBILITY IN WATER:  
APPEARANCE AND ODOR: Liquid - Dry

\*\*\*\*\* SECTION IV - FIRE AND EXPLOSION HAZARD DATA \*\*\*\*\*

FLASH POINT: N/A METHOD USED:  
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: NO FIRE HAZARD

SPECIAL FIREFIGHTING PROCEDURES  
None. No fire hazard.

UNUSUAL FIRE AND EXPLOSION HAZARDS  
None.

MURAZA

## \*\*\*\*\* SECTION V - REACTIVITY DATA \*\*\*\*\*

STABILITY: STABLE  
CONDITIONS TO AVOID  
None.

INCOMPATIBILITY (MATERIALS TO AVOID)  
None.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS  
None.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## \*\*\*\*\* SECTION VI - HEALTH HAZARD DATA \*\*\*\*\*

## INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May cause damage to lungs by inhalation of dust or mist. Exposure may anemia, nervous system or kidney changes or harm to the developing fetus.

## SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Rinse eyes thoroughly for 15 minutes with water. Contact physician.

## SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

None.

## INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Ingestion may cause anemia, nervous system or kidney changes, or harm to developing fetus. Labeling conforms to ASTM D-4236. TLV has not been established for the whole product. Carries the HL Seal.

## HEALTH HAZARDS (ACUTE AND CHRONIC)

Ingestion may cause anemia, nervous system or kidney changes, or harm to developing fetus. May cause damage to the lungs by inhalation of dust or mist.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? YES OSHA REGULATED? NO  
Refer to page 4 for further information.

## MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Unknown.

## EMERGENCY AND FIRST AID PROCEDURES

Contact your local poison control system for further information.

## \*\*\*\*\* SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE \*\*\*\*\*

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Clean with paper towel and wet sponge. Wash with soap and water.

## WASTE DISPOSAL METHOD

Dispose of paper towel in trash and rinse sponge. In manufacturing, dispose, of in accordance to state and federal regulations.

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Always keep lid tightly on liquid glaze while in storage. Uncovered glazes will dry out.

## OTHER PRECAUTIONS

When using do not eat, drink, or smoke. Wear apron and wash hands immediately after use. As with all non food items, do not ingest. Do not use if pregnant or contemplating pregnancy. "KEEP OUT OF REACH OF CHILDREN"

## \*\*\*\*\* SECTION VIII - CONTROL MEASURES \*\*\*\*\*

## RESPIRATORY PROTECTION

Product not for spray application. When brush or sponge application used not needed. When mixing dry glaze, use NIOSH certified mask for dust or mist.

## VENTILATION

When brush or sponge application used not needed. When mixing large quantity of dry glaze use a locally exhausting hood appropriate for the operation.

## PROTECTIVE GLOVES

Not needed.

## EYE PROTECTION

Not needed.

## OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Not needed.

## WORK/HYGIENIC PRACTICES

Refer to ANACO Safety Manual for further information. Manual available upon request.

## \*\*\*\*\* SECTION IX - DISCLAIMER \*\*\*\*\*

## 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 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.

Continuation for Section VI subsection Carcinogenicity.

The International Agency for Research on Cancer in its publication "IARC Monographs on the Evaluation of the Carcinogenic Risks to Humans - Silica and some Silicates" - Volume 42, 1987, has concluded that there is sufficient evidence for the carcinogenicity of Crystalline Silica in experimental animals, and limited evidence for the carcinogenicity of crystalline silica in humans, and has, therefore, classified crystalline silica in Group 2A of probable carcinogens.

#### DEFINITIONS

**Silicate Glass Frit:** Frits are produced from the chemical reactions which occur during the high temperature smelting of various raw materials to form a molten glass. This glass is rapidly cooled to produce granules or flakes. These may subsequently be milled to produce a powdered frit. Frit (glass) is an essentially insoluble substance.

**Pigment:** A pigment is formed by high temperature calcination. Therefore, it does not necessarily have any of its component oxides or metals.

AMERICAN ART CLAY CO, INC./REWARD CERAMIC COLOR Mfrs., Co. is a member of the Art and Craft Material Institute, 715 Boylston St., Boston MA 02116. Our art and craft items are certified by the Institute to be labeled in accordance with the voluntary chronic hazard labeling standard ASTM D-4236 (American Society for Testing and Materials). This product is appropriately labeled with the following seal:



Products bearing the CL Certified Label Conformance Statement of the Art and Craft Material Institute, Inc. are certified to be properly labeled in a program of toxicological evaluation by a medical expert, subject to review by the Institute's Toxicological Advisory Board.