

MATERIAL SAFETY DATA SHEET

1037

97-777

PRODUCT NAME: FRIENDLY PLASTICS ARTS & CRAFT
PRODUCT CODE: 600P

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 : 12-15-92 NAME OF PREPARER : Laura Jenkins

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
		OSHA PEL	ACGIH TLV	OTHER		
Tetrachloroethylene	127-18-4	25PPM	50PPM	200PPM	17.0	68F < 0.5%

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.
Bears the HL Seal. Labeling conforms to ASTM D4236. Contains Tetrachloroethylene. Cancer agent based on experimental data.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: 290 F SPECIFIC GRAVITY (20/4): LESS THAN 1
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
CORROS V.O.C. : N/A
SOLUBILITY IN WATER: Negligible.
APPEARANCE AND ODOR: Clear Viscous Liquid

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None. METHOD USED:
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A

EXTINGUISHING MEDIA: FOAM, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES
Wear positive pressure self-contained breathing apparatus (SCBA). Cool fire exposed containers with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS
None.

***** SECTION V - REACTIVITY DATA *****

STABILITY: STABLE**CONDITIONS TO AVOID**

Avoid extreme heat, flame or sparks. Avoid contact with aluminum equipment having confined spaces as pushhoists.

INCOMPATIBILITY (MATERIALS TO AVOID)

Strong oxidizing agents. Avoid mixing with caustic soda or potash.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Toxic/irritating gases and fumes. Maybe HCL, Phosgene, CO₂, simple hydrocarbons.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

***** SECTION VI - HEALTH HAZARD DATA *****

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Possible central nervous system damage with overexposure. Inhalation can cause irritation of the respiratory tract, dizziness, nausea, loss of coordination, unconsciousness and even asphyxiation in confined poorly ventilated areas.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Skin: irritation can develop following repeated and/or prolonged contact with skin. Eyes: Product in eyes can result in discomfort, pain and irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Very slow. With prolonged and repeated contact, skin absorption can occur.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Single dose oral toxicity is low. Ingestion may result in irritation of the mouth and gastrointestinal tract along with other effects as listed above for inhalation. Do not induce vomiting. Carries the H1 label.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Can cause headache, mental confusion, depression, fatigue, loss of appetite, nausea, vomiting, cough, loss of sense of balance, visual disturbances. Prolonged or repeated skin contact may cause dermatitis. Prolonged exposure above TLV permissible limits may result in liver and kidney damage.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

Cancer agent based on experimental data.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Pre-existing eye, skin, and lung conditions.

EMERGENCY AND FIRST AID PROCEDURES

Skin: thoroughly wash area with soap and water. Remove contaminated clothing. Eyes: flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention. Swallowed: do not induce vomiting, keep person warm, quiet, and get medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal. Inhalation: if affected, remove to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet, and get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition, prevent from entering sewers or water courses. Wear protective clothing and equipment. Pump up (explosion proof motor) or soak up with sand, cotton waste or other absorbent.

WASTE DISPOSAL METHOD

Destroy by liquid incineration. Contaminated absorbent may be deposited in a landfill in accordance with Local, State, and Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers closed. Store in cool place well removed from strong oxidants, sources of ignition and building exits. Containers should be grounded and/or bonded when material is transferred.

OTHER PRECAUTIONS

Do not use in poorly ventilated or confined spaces without proper respiratory protection. Vapors are heavier than air and will collect in low areas. Use only with adequate ventilation.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION

If use conditions generate vapors or mists or exceed the TLV of the product, wear a NIOSH approved air purifying organic cartridge respirator or supplied-air respirator appropriate for emission levels.

VENTILATION

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below permissible exposure limits.

PROTECTIVE GLOVES

Wear resistant gloves such as nitrile rubber.

EYE PROTECTION

Chemical splash goggles in compliance with OSHA regulations are advised.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

To prevent repeated or prolonged skin contact, wear impervious clothing.

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 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 acknowledgment.

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.