

MATERIAL SAFETY DATA SHEET

f

92-11107

PRODUCT NAME: ~~UG CRAYONS 209-DARK BROWN~~
 PRODUCT CODE: UG 209 BRN

1235

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: ~~AMERICAN ARTS & CRAFTS CO. INC.~~
 ADDRESS: 4717 WEST SIXTEENTH STREET, INDIANAPOLIS, INDIANA 46222
 EMERGENCY PHONE: (317)244-6871 INFORMATION PHONE: (317)244-6871
 DATE REVISED : 06-05-95 NAME OF PREPARER : L. Jenkins

RECEIVED
 MAR 29 2007
 Facilities Management
 HEALTH AND SAFETY

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		
*ZINC IRON CHROMITE BROWN SPINEL (COMPOUND)	68186-88-9	0.5MG/M3	0.5MG/M3	@ CR	N/A	65
HYDRATED ALUMINUM SILICATE MINERAL	1302-78-9	15mg/m3	10mg/m3	TOTAL DUST	N/A	
HYDROUS ALUMINUM SILICATE	1332-58-7	10mg/m3	.1mg/m3	@RESP DUST	N/A	
SODIUM POTASSIUM ALUMINUM SILICATE	68476-25-5		0.1mg/m3	@ Silicate	N/A	
SILICON DIOXIDE	14808-60-7		10mg/m3	as Quartz	N/A	
LEADLESS FRIT	65997-18-4	2.5mg/MG3	2.5mg/MG3	@ F	N/A	
HYDRATED ALUMINUM SILICATE	1332-58-7		10MG/M3	@ Silicate	N/A	

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. No hazardous ingredients. Non-toxic. Carries the AP Seal. Labeling conforms to ASTM D4236. Contains crystalline silica. See Section VI. Producers are responsible in complying with FDA guidelines for lead release from tableware.

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: Solid sticks

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: NONE KNOWN

SPECIAL FIREFIGHTING PROCEDURES
 No fire hazard.

UNUSUAL FIRE AND EXPLOSION HAZARDS
 None.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE
CONDITIONS TO AVOID
N/A

INCOMPATIBILITY (MATERIALS TO AVOID)
N/A

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 the lungs by inhalation of dust. Probable cancer agent by inhalation of dust based on laboratory tests. In solid form non-hazardous.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

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

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

None.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Non-toxic. Carries the AP Seal. Labeling conforms to ASTM D4236. TLV has not been established for the whole product.

HEALTH HAZARDS (ACUTE AND CHRONIC)

May cause damage to the lungs by inhalation of dust. Probable cancer agent by inhalation of dust based on laboratory tests. In solid form non-hazardous.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? YES OSHA REGULATED? NO
Probable cancer agent by inhalation of dust based on laboratory tests.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Unknown.

EMERGENCY AND FIRST AID PROCEDURES

For further information contact your local poison control center.

LOCTITE CORPORATION

1001 TROUT BROOK CROSSING
ROCKY HILL, CT 06067-3910
EMERGENCY PHONE: (203) 571-5100

ISSUED 7/12/9
1:59:5
FAX: (203) 571-546

MATERIAL SAFETY DATA SHEET

Page 3 of

Product Name: MARKER FIX 11.75 OZ AE
Item No.: 11016

XI. HEALTH HAZARD DATA

(continued)

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
ACETONE	1000 ppm 2380 mg/m3	1000 ppm 2400 mg/m3
ISOPROPYL ALCOHOL	500 ppm 1230 mg/m3	500 ppm 1225 mg/m3
n-BUTYL ACETATE	200 ppm 950 mg/m3	200 ppm 950 mg/m3

Ingredients for which no Exposure Limits have been established are not listed above.

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
ACETONE	BLO CNS IRR	NO	NO	NO
ISOPROPYL ALCOHOL	ALG CNS IRR	NO	N/A	NO
n-BUTYL ACETATE	CNS IRR	NO	NO	NO
BUTANE	CAR CNS IRR	NO	NO	NO
PROPANE	CAR CNS IRR	NO	NO	NO
ISOBUTANE	CAR CNS LUN	NO	NO	NO
n-BUTANOL	CNS EAR IRR	NO	NO	NO
DI-n-BUTYL PHTHALATE	DEV IRR REP	NO	NO	NO
NITROCELLULOSE	CNS	NO	NO	NO
2-BUTOXYETHANOL	BLO CNS IRR	NO	NO	NO
ETHYL ACETATE	CNS IRR	NO	NO	NO

Abbreviations

N/A Not Applicable	ALG Allergen
BLO Blood	CAR Cardiac
CNS Central nervous system	DEV Developmental
EAR Ear	IRR Irritant
LUN Lung	REP Reproductive

XII. PREPARATION INFORMATION

Prepared By: Bruce A. Martin
 Title: Mgr. Env. Health & Safety
 Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067
 (24hr.) Phone: (203) 571-5100
 Revision Date: January 03, 1995
 Revision: 0002

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, 100 Boylston St., Suite 1050, 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:



Meets ANSI
Performance Standards

Products bearing the Certified Products Seal or the AP Approved Product Seal of the Art And Craft Materials Institute, Inc., are certified in a program of toxicological evaluation by a medical expert, subject to review by the Institute's Toxicological Advisory Board to contain no materials in sufficient quantities to be toxic or injurious to humans or to cause acute or chronic health problems.

In addition, products bearing the CP Seal meet specific requirements of materials, workmanship, working qualities and color described in the appropriate Product Standard issued by The Art and Craft Materials Institute, Inc. or other recognized standards organization.