

M A T E R I A L S A F E T Y D A T A S H E E T

M2 LEAD FREE GLAZES - COBALT/COPPER

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PRODUCT NAME: M2 LEAD FREE GLAZES - COBALT/COPPER
PRODUCT CODE: LG SERIES (3)

70709

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: AMERICAN ART CLAY CO., INC.
ADDRESS : 4717 WEST 16TH STREET
INDIANAPOLIS, IN 46222

EMERGENCY PHONE : 800-374-1600 DATE PRINTED : 04/17/01
INFORMATION PHONE : 800-374-1600 NAME OF PREPARER : L. Jenkins

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
COPPER OXIDE	1317-38-0		5
COPPER - ACGIH TLV 1MG/M3, OSHA PEL 1MG/M3 @ CU			
IRON COBALT CHROMITE BLACK SPINEL	68186-97-0		3.37
COBALT METAL - ACGIH TLV .10mg/m3, OSHA PEL .02 mg/m3 @ CO			
CHROMIUM III COMPOUNDS - ACGIH TLV .5mg/m3, OSHA PEL .5mg/m3 @ CR			
NICKEL, METAL & INSOLUBLE COMP. -ACGIH TLV 1mg/m3, OSHA PEL .05 @ NI			
COBALT SILICATE BLUE OLIVINE	77364		2.95
COBALT - ACGIH TLV .02MG/M3, OSHA PEL .10MG/M3 @ CO			
KAOLIN - ACGIH TLV 2MG/M3 @ DUST			
COPPER OXIDE BLEND	1317-38-0		5
COPPER OXIDE - ACGIH TLV 1MG/M3, OSHA PEL 1MG/M3 @ CU			
COPPER CARBONATE	C 7492-68-4		5
COPPER - ACGIH TLV 1MG/M3, OSHA PEL 1MG/M3 @ CU			

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372 are present. Carries the HL Seal. Labeling conforms to ASTM D-4236. Contains cobalt or copper. Tableware producers are responsible for conforming to lead release for dinnerware.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: n/a SPECIFIC GRAVITY (H2O=1): 0.18
VAPOR DENSITY: Heavier than air. EVAPORATION RATE: NA
COATING V.O.C.: 0.00 lb/gl MATERIAL V.O.C.: 0.00 lb/gl
SOLUBILITY IN WATER: Yes.
APPEARANCE AND ODOR: LG 2, 20, 21, 25, 26, 27, 45 & 46

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: n/a METHOD USED: n/a
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: n/a UPPER: n/a

EXTINGUISHING MEDIA: N/A

SPECIAL FIREFIGHTING PROCEDURES

No fire hazard.

UNUSUAL FIRE AND EXPLOSION HAZARDS

None.

SECTION V - REACTIVITY DATA

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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

Inhalation exposure may cause respiratory allergies. May cause damage to the heart, lungs, or kidney / liver. Contains cobalt, copper or crystalline silica. Refer to Health Hazards (Acute and Chronic) for further health information.

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

May be harmful by ingestion. May cause damage to the heart, lungs, anemia and kidney or liver damage. Refer to Health Hazards (Acute and Chronic) for further health information.

HEALTH HAZARDS (ACUTE AND CHRONIC)

May be harmful by ingestion or by breathing dusts or mists. May be harmful if swallowed. Exposure may cause damage to the liver, kidneys. Exposure may cause anemia.

CARCINOGENICITY: NTP CARCINOGEN: No. IARC MONOGRAPHS: No. OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Unknown.

EMERGENCY AND FIRST AID PROCEDURES

Contact your local poison control for further health information.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Specific steps not necessary.

WASTE DISPOSAL METHOD

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

OTHER PRECAUTIONS

NOT FOR USE BY CHILDREN. NOT FOR USE IN HEALTHCARE FACILITIES.

===== SECTION VIII - CONTROL MEASURES =====

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RESPIRATORY PROTECTION

Not needed for normal application (brush or sponge). This product is not for spray 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 Safety Manual for further information. Manual available upon request.

===== **SECTION IX - DISCLAIMER** =====

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