

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 - COPPER/COBALT

PRODUCT NAME: M2 LEAD FREE GLAZES - COPPER/COBALT
PRODUCT CODE: O SERIES(1)

Revised Jan 2002

623-520/400489

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

EMERGENCY PHONE : 800-374-1600 DATE PRINTED : 01/08/02
INFORMATION PHONE : 800-374-1600 NAME OF PREPARER : L. Jenkins

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SECTION II HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
FLINT QUARTZ: ACGIH TLV .1MG/M3, OSHA PEL .1MG/M3 @ Respirable Dust	14808-60-7		9.88
COPPER CARBONATE COPPER - ACGIH TLV 1MG/M3, OSHA PEL 1MG/M3 @ CU	C 7492-68-4		5
COBALT SILICATE BLUE OLIVINE COBALT - ACGIH TLV .02MG/M3, OSHA PEL .10MG/M3 @ CO KAOLIN - ACGIH TLV 2MG/M3 @ DUST	77364		1.35

Bears to the HL Seal. Labeling conforms to ASTM D4236. Contains crystalline silica and copper See Section VI. Producers are responsible in complying with FDA guidelines for lead release from tableware.

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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: O 2, 20, 21, 23 & 26

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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.

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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

=====**SECTION VI HEALTH HAZARD DATA**=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Inhalation exposure may cause damage to the lungs or anemia (copper). Exposure may cause damage to kidneys or liver. Possible cancer agent based on laboratory test (crystalline silica). Refer to Health Hazards (Acute and Chronic) for further health information. Not for spray application.

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 (anemia). May cause damage to the kidneys or liver. Carries the HL Label. Labeling conforms to ASTM D4236.

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: Yes. 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 in trash.

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**=====

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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