

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

M1 LEAD FREE GLAZES - CRYSTALLINE SILICA

PRODUCT NAME: M1 LEAD FREE GLAZES - CRYSTALLINE SILICA
PRODUCT CODE: O SERIES (2)

LPS 70711

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

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

623-510 623-542
| -511 | -552
| -512 | -554
| -530 | -557
 -560

EMERGENCY PHONE : 800-374-1600
INFORMATION PHONE : 800-374-1600

DATE PRINTED : 05/07/97
NAME OF PREPARER : L. Jenkins

Rwd

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

6-97

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
E.P.K. CLAY			
KAOLIN - ACGIH TLV 2mg/m3, OSHA PEL 10 mg/m3 @ DUST	1332-58-7		10.94
FLINT			
QUARTZ: ACGIH TLV .1MG/M3, OSHA PEL .1MG/M3 @ Respirable Dust	14808-60-7		8.22

Bears the AP Seal. Labeling conforms to ASTM D4236. Exposure may cause damage to the lungs. Cancer agent by inhalation based on laboratory tests. Contains crystalline silica. See Section VI.

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

BOILING RANGE: NA
VAPOR DENSITY: Heavier than air.
COATING V.O.C.: 0.00 lb/gl
SOLUBILITY IN WATER: Yes.
APPEARANCE AND ODOR: O 10, 11, 12, 30, 42, 52, 54, 57 & 60

SPECIFIC GRAVITY (H2O=1): Less than 2.
EVAPORATION RATE: NA
MATERIAL V.O.C.: 0.00 lb/gl

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

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

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

May cause damage to the lungs by inhalation of dust or mist. Possible cancer agent by inhalation based on laboratory tests. Contains 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

No hazardous ingredients.

HEALTH HAZARDS (ACUTE AND CHRONIC)

May cause damage to the lungs by inhalation of dust or mist. Cancer agent by inhalation based on laboratory tests. In moist form non-hazardous.

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

Clean with paper towel and wet sponge. Wash with soap and water. Damp mop after use.

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

None. IMPORTANT NOTE: Pigments used in this product are formed at high temperature calcination. Frits are produced from the chemical reactions which occur during 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 powdered frit. Frit (glass) is an essentially insoluble substance. Therefore pigments/frits do not necessarily have any of the properties of the components oxides or metals.

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

RESPIRATORY PROTECTION

Not needed for normal application (brush or sponge). This product is not for spray application.

VENTILATION

Not needed for brush or sponge application. Not for spray application.

PROTECTIVE GLOVES

Not needed.

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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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