

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 - CRYSTALLINE SILICA

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PRODUCT NAME: M1 LEAD FREE - CRYSTALLINE SILICA
PRODUCT CODE: ARROYA SERIES

===== 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:** 01/08/02
INFORMATION PHONE: 800-374-1600 **NAME OF PREPARER:** L. Jenkins

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

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE | WEIGHT |
|---|------------|----------------|---------|
| | | mm Hg @ TEMP | PERCENT |
| E.P.K. CLAY | 1332-58-7 | | 7.24 |
| KAOLIN - ACGIH TLV 2mg/m3, OSHA PEL 10 mg/m3 @ DUST | | | |
| FLINT | 14808-60-7 | | 6.79 |
| QUARTZ: ACGIH TLV .1MG/M3, OSHA PEL .1MG/M3 @ Respirable Dust | | | |

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: 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: ARROYA SERIES- WHITE, BLACK & BROWN

===== 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 =====

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. WARNING: Detectable amounts of chemical known to the State of California to cause cancer, birth defects, or other reproductive harm may be found in this product. (Prop. 65 California Health & Safety code section 25249.6 ET. SEQ.) Dry clays.

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. Do not create dust. Damp mop after use. Cleaning should be on routine basis.

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

Product not for spray application.

VENTILATION

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

M2 EP OVERDRIFT

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Not needed.

Not needed.

Not needed.

Refer to AMACO Safety Manual for further information. Manual available upon request.

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