

MATERIAL SAFETY DATA SHEET
M1 MODELING MATERIAL (CARVE & CAST)

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PRODUCT NAME: M1 MODELING MATERIAL (CARVE & CAST)
PRODUCT CODE: SCULPTAMOLD

SECTION I - *Rec'd Jan 2002* MANUFACTURER IDENTIFICATION

651-445/351254

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

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

DATE PRINTED : 01/08/02
NAME OF PREPARER : L. Jenkins

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

| REPORTABLE COMPONENTS | CAS NUMBER | VAPOR PRESSURE = Hg @ TEMP | WEIGHT PERCENT |
|-----------------------|------------|-------------------------------|-------------------|
|-----------------------|------------|-------------------------------|-------------------|

NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT

Carries the CP Seal. Labeling conforms to ASTM D4236. No hazardous ingredients.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: n/a
VAPOR DENSITY: Heavier than air.
COATING V.O.C.: 0.00 lb/gl
SOLUBILITY IN WATER: NA
APPEARANCE AND ODOR: DRY

SPECIFIC GRAVITY (H2O=1): 0.18
EVAPORATION RATE: NA
MATERIAL V.O.C.: 0.00 lb/gl

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: n/a
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

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INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

None

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

Product may cause obstruction if ingested. Material hardens after absorption of water. Hardening time is about 30 minutes.

HEALTH HAZARDS (ACUTE AND CHRONIC)

No hazardous ingredients.

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

Close package or store in closed container.

OTHER PRECAUTIONS

None.

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

RESPIRATORY PROTECTION

Not needed.

VENTILATION

Not needed.

PROTECTIVE GLOVES

Not needed.

EYE PROTECTION

Not needed.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Not needed.

WORK/HYGIENIC PRACTICES

M A T E R I A L S A F E T Y D A T A S H E E T
M1 MODELING MATERIAL (CARVE & CAST)

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

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

Information presented herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Since conditions of use are beyond our control we make no warranties, expressed or implied, except those that may be contained in our written acknowledgement.

Material Safety Data Sheet

RCVD APR 18 '00

SAX ARTS & CRAFTS
VERSATEMP (ALL COLORS)

CHROMA ACRYLICS, INC.

Manufacturer

205 BUCKY DRIVE

Address

LITITZ, PA 17543

(717) 626-8866

Phone Number (For Information)

(717) 626-8866

Emergency Phone Number

Telex*

Identity (Trade Name As Used On Label) 164-000 → 013

164-050 → 060 164-075
MSDS Number* 164-100 → 113 164-201 → 213

164-303 → 312 164-500, 502, 503, 505, 50

CAS Number* 3/98 164-515 → 518 164-602

164-620 → 625

Date Prepared 164-700 → 712

164-800

Prepared By*

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

| COMPONENTS — Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater) | % | OSHA PEL | ACGIH TLV | OTHER LIMITS RECOMMENDED |
|--|--------|-------------|--------------|-----------------------------|
| PRODUCT IS WATER BASED, NON-TOXIC, NON-HAZARDOUS | | | | |
| TEMPERA COLORS IN LIQUID FORM. CERTIFIED NON TOXIC | | | | |
| BY THE ART & CRAFT MATERIALS INSTITUTE. | | | | |
| 1. WATER | 50-75% | | | |
| 2. VARIOUS, ASSORTED COLOR & REFLECTIVE PIGMENTS | | | | |
| 3. CALCIUM CARBONATE | | | | |
| 4. ACRYLIC THICKENERS | | | | |
| 5. DISPERSANT | | | | |
| 6. PRESERVATIVE-NON-HAZARDOUS AT LEVEL USED (.4%) | | | | |
| *ALL INFORMATION THE SAME FOR ALL SIZES & COLORS | | | | |
| Non-Hazardous Ingredients | | | | |
| TOTAL | 100 | | | |

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

| | |
|--|---|
| Boiling Point 215-275°F | Specific Gravity (H ₂ O = 1) NOT KNOWN |
| Vapor Pressure (mm Hg and Temperature) NOT KNOWN | Melting Point NOT KNOWN |
| Vapor Density (Air = 1) LIGHTER THAN AIR | Evaporation Rate (_____ = 1) SLOWER THAN ETHER |
| Solubility in Water TOTALLY SOLUBLE | Water Reactive NOT KNOWN |

Appearance and Odor LIQUID WATER BASED TEMPERA PAINTS IN ASSORTED COLORS. POSSIBLE SLIGHT AMMONIA SM.

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

| | | | | |
|---|-------------------------------|--|-------------|-------------|
| Flash Point and Method Used N/A | Auto-Ignition Temperature N/A | Flammability Limits in Air % by Volume N/A | LEL UNKNOWN | UEL UNKNOWN |
| Extinguisher Media NOT APPLICABLE | | | | |
| Special Fire Fighting Procedures NOT APPLICABLE | | | | |
| Unusual Fire and Explosion Hazards NOT APPLICABLE | | | | |

SECTION 4 - REACTIVITY HAZARD DATA

| | |
|---|---------------------------------------|
| STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable | Conditions To Avoid NOT APPLICABLE |
| Incompatibility (Materials to Avoid) NONE | |
| Hazardous Decomposition Products NONE | |
| HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur | Conditions To Avoid NOT APPLICABLE |

SECTION 5 - HEALTH HAZARD DATA

| | | |
|--|---|---|
| PRIMARY ROUTES OF ENTRY <input type="checkbox"/> Inhalation <input type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Not Hazardous | <input type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Not Hazardous | CARCINOGEN LISTED IN <input type="checkbox"/> NTP <input type="checkbox"/> IARC Monograph <input checked="" type="checkbox"/> OSHA Not Listed |
| HEALTH HAZARDS Acute NONE Chronic NONE | | |
| Signs and Symptoms of Exposure NONE | | |
| Medical Conditions Generally Aggravated by Exposure NONE | | |
| EMERGENCY FIRST AID PROCEDURES - Seek medical assistance for further treatment, observation and support if necessary. | | |
| Eye Contact NONE | | |
| Skin Contact NONE | | |
| Inhalation NONE | | |
| Ingestion NONE | | |

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

| | |
|---|---|
| Respiratory Protection (Specify Type) NONE NEEDED UNDER NORMAL CONDITIONS | Eye Protection NOT REQUIRED |
| Protective Gloves NOT REQUIRED | |
| VENTILATION TO BE USED <input type="checkbox"/> Local Exhaust N/A <input type="checkbox"/> Other (specify) N/A | <input type="checkbox"/> Mechanical (general) N/A <input type="checkbox"/> Special N/A |
| Other Protective Clothing and Equipment NOT REQUIRED | |
| Hygienic Work Practices AS WITH ANY WATER BASED PRODUCT | |

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

| |
|--|
| Steps to be Taken if Material Is Spilled Or Released DIKE AND CONTAIN SPILL WITH INERT MATERIALS (SAND, SAWDUST, ETC.) AND TRANSFER CONTENTS TO CONTAINERS FOR DISPOSAL. |
| Waste Disposal Methods NORMAL DISPOSAL |
| Precautions to be Taken in Handling and Storage NO PARTICULAR PRECAUTIONS |
| Other Precautions and/or Special Hazards NONE |

| | |
|---|---|
| NFPA Rating* Health ___ Flammability ___ Reactivity ___ Special ___ | HMIS Rating* Health ___ Flammability ___ Reactivity ___ Personal Protection ___ |
|---|---|