

MATERIAL SAFETY DATA SHEET

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City / State / Zip: LOS ANGELES / CA / 90058
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Vendor Update: 6/9/2011
Date Prepared: 6/9/2011
MSDS Number: ACRYL1C1 ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: LEVEL 1 ACRYLIC *SPECIFY SIZE*
HMIS Ratings:

Health: Minimal(0)
 Flammability: Minimal(0)
 Instability/Reactivity: Minimal(0)

NFPA Ratings:

Health: Minimal(0)
 Flammability: Minimal(0)
 Instability/Reactivity: Minimal(0)

II. COMPOSITION, INFORMATION ON INGREDIENTS

| Chemical Ingredient | CAS Number | % By Weight | ACGIH TLV TWA/STEL | OSHA PEL TWA/STEL | Other TWA/STEL | LD50 | LC50 |
|--|---------------|----------------|---|----------------------|------------------------------|------|------|
| ETHYL ACRYLATE | 140-88-5 | | 5 PPM; 20 MG/M3 15 PPM; 61 MG/M3 | | OSHA PEL: 25 PPM; 100 MG/M3 | | |
| Notes: OSHA: Y *OSHA SKIN DESIGNATOR: Y | | | | | | | |
| METHACRYLATE | 96-62-6 | 0.5 MAX | 50 PPM; 205 MG/M3 100 PPM; 410 MG/M3 | | OSHA PEL: 100 PPM; 410 MG/M3 | | |
| Notes: OSHA: Y *ACGIH SENSITIZER DESIGNATOR: Y | | | | | | | |
| P (EAMMA) | PROPRIETARY | 99.2 MIN | | | | | |
| Notes: OSHA: N | | | | | | | |
| Other: THE SUBSTANCE(S) MARKED WITH A "Y" IN THE OSHA COLUMN, ARE IDENTIFIED AS HAZARDOUS CHEMICALS ACCORDING TO THE CRITERIA OF THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200) WHILE THIS MATERIAL IS NOT CLASSIFIED AS HAZARDOUS UNDER FEDERAL OSHA REGULATIONS, THIS MSDS CONTAINS VALUABLE INFORMATION CRITICAL TO THE SAFE HANDLING AND PROPER USE OF THIS PRODUCT. THIS MSDS SHOULD BE RETAINED AND AVAILABLE FOR EMPLOYEES AND OTHER USERS OF THIS PRODUCT. THE COMPONENTS OF THIS PRODUCT ARE ALL ON THE TSCA INVENTORY LIST. *ONLY THOSE COMPONENTS WITH EXPOSURE LIMITS ARE PRINTED IN THIS SECTION. -SKIN CONTACT LIMITS DESIGNATED WITH "Y" ABOVE SKIN CONTACT EFFECT. AIR SAMPLING ALONE IS INSUFFICIENT TO ACCURATELY QUANTITATE EXPOSURE. MEASURES TO PREVENT SIGNIFICANT CUTANEOUS ABSORPTION MAY BE REQUIRED. -ACGIH SENSITIZER DESIGNATOR WITH A VALUE OF "Y" ABOVE MEANS THAT EXPOSURE TO THIS MATERIAL MAY CAUSE ALLERGIC REACTIONS. -WEEL-AIHA SENSITIZER DESIGNATOR WITH A VALUE OF "Y" ABOVE MEANS THAT EXPOSURE TO THIS MATERIAL MAY CAUSE ALLERGIC SKIN REACTIONS. | | | | | | | |

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Medical Conditions

Aggravated by Exposure:

Other:

EMERGENCY OVERVIEW:
 CLEAR TO OPAQUE SHEET IN VARIOUS COLORS. ODORLESS.
 MELT PROCESSING RELEASES VAPORS WHICH MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
 HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY

PRACTICES.

POTENTIAL HEALTH EFFECTS:

INHALATION AND SKIN CONTACT ARE EXPECTED TO BE THE PRIMARY ROUTES OF OCCUPATIONAL EXPOSURE TO THIS MATERIAL. AS A FINISHED PRODUCT, IT IS A SYNTHETIC, HIGH MOLECULAR WEIGHT POLYMER. DUE TO ITS CHEMICAL AND PHYSICAL PROPERTIES, THIS MATERIAL DOES NOT REQUIRE SPECIAL HANDLING OTHER THAN THE GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES EMPLOYED WITH ANY INDUSTRIAL MATERIAL OF THIS TYPE.

IV. FIRST AID MEASURES

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| Eyes: | IF IN EYES, IMMEDIATELY FLUSH WITH PLENTY OF WATER. |
| Skin: | IN CASE OF CONTACT, FLUSH THE AREA WITH PLENTY OF WATER. REMOVE MATERIAL FROM CLOTHING. WASH CLOTHING BEFORE REUSE. |
| Inhalation: | IF INHALED, REMOVE TO FRESH AIR. |

V. FIRE FIGHTING MEASURES

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| Flash Point: | N/A |
| Lower Flammability Limit: | N/A |
| Upper Flammability Limit: | N/A |
| Extinguishing Agents: | USE WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL. |
| Unusual Fire or Explosion Hazards: | HEATED MATERIAL CAN FORM FLAMMABLE VAPORS WITH AIR. |
| Fire Fighting Procedures: | FIRE FIGHTERS AND OTHERS WHO MAY BE EXPOSED TO PRODUCTS OF COMBUSTION SHOULD WEAR FULL FIRE FIGHTING TURN OUT GEAR (FULL BUNKER GEAR) AND SELF-CONTAINED BREATHING APPARATUS (PRESSURE DEMAND NIOSH APPROVED OR EQUIVALENT). FIRE FIGHTING EQUIPMENT SHOULD BE THOROUGHLY DECONTAMINATED AFTER USE. |
| Other: | AUTO-IGNITION TEMPERATURE: >400 °C/752°F |

VI. ACCIDENTAL RELEASE MEASURES

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| Containment/Cleanup: | CONTAIN SPILL. SWEEP OR SCOOP UP AND REMOVE TO SUITABLE CONTAINER. CONSULT A REGULATORY SPECIALIST TO DETERMINE APPROPRIATE STATE OF LOCAL REPORTING REQUIREMENTS, FOR ASSISTANCE IN WASTE CHARACTERIZATION AND/OR HAZARDOUS WASTE DISPOSAL AND OTHER REQUIREMENTS LISTED IN PERTINENT ENVIRONMENTAL PERMITS. |
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VII. HANDLING AND STORAGE

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| Other: | HANDLING AVOID TEMPERATURE EXTREMES DURING STORAGE; AMBIENT TEMPERATURE PREFERRED. STORAGE USE ONLY WITH ADEQUATE VENTILATION. |
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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

USE GOOD INDUSTRIAL PRACTICE TO AVOID EYE CONTACT.

Eyes:**Skin:**

MINIMIZE SKIN CONTAMINATION BY FOLLOWING GOOD INDUSTRIAL HYGIENE PRACTICE. WEARING PROTECTIVE GLOVES IS RECOMMENDED. WASH HANDS AND CONTAMINATED SKIN THOROUGHLY AFTER HANDLING.

Respiratory:

AVOID BREATHING DUST. WHEN AIRBORNE EXPOSURE LIMITS ARE EXCEEDED, USE NIOSH APPROVED RESPIRATORY PROTECTION EQUIPMENT APPROPRIATE TO THE MATERIAL AND/OR ITS COMPONENTS. CONSULT RESPIRATOR MANUFACTURER TO DETERMINE APPROPRIATE TYPE EQUIPMENT FOR GIVEN APPLICATION. OBSERVE RESPIRATOR USE LIMITATIONS SPECIFIED BY NIOSH OR THE MANUFACTURER. FOR EMERGENCY AND OTHER CONDITIONS WHERE EXPOSURE LIMIT MAY BE SIGNIFICANTLY EXCEEDED, USE AN APPROVED FULL FACE POSITIVE-PRESSURE, SELF-CONTAINED BREATHING APPARATUS OF POSITIVE-PRESSURE AIRLINE WITH AUXILIARY SELF-CONTAINED AIR SUPPLY. RESPIRATORY PROTECTION PROGRAMS MUST COMPLY WITH 29 CFR 1910.134.

Engineering:

INVESTIGATE ENGINEERING TECHNIQUES TO REDUCE EXPOSURES BELOW AIRBORNE EXPOSURE LIMITS. PROVIDE VENTILATION IF NECESSARY TO CONTROL EXPOSURE LEVELS BELOW AIRBORNE EXPOSURE LIMITS. IF PRACTICAL, USE LOCAL MECHANICAL EXHAUST VENTILATION AT SOURCES OF AIR CONTAMINATION SUCH AS OPEN PROCESS EQUIPMENT.

IX. PHYSICAL AND CHEMICAL PROPERTIES

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|-----------------------------|---|
| Appearance: | CLEAR TO OPAQUE SHEET IN VARIOUS COLORS |
| Boiling Point: | N/A |
| Freezing Point: | N/A |
| pH: | N/A |
| Solubility in Water: | INSOLUBLE |
| Specific Gravity: | 1.15 TO 1.19 |
| Vapor Pressure: | N/A |
| Vapor Density: | N/A |
| Volatile Content: | PERCENT VOLATILE: 0 |
| Other: | MELTING POINT: 132°C/270°F |

X. STABILITY AND REACTIVITY

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| Stability: | THIS MATERIAL IS CHEMICALLY STABLE UNDER NORMAL AND ANTICIPATED STORAGE AND HANDLING CONDITIONS. |
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Hazardous Polymerization: DOES NOT OCCUR.

Hazardous Decomposition: THERMAL DECOMPOSITION MAY YIELD ACRYLIC MONOMERS.

Products:

Incompatible Products: PROLONGED CONTACT WITH ACIDS, ALKALIES AND STRONG OXIDIZING AGENTS MAY ATTACK OR DISSOLVE THE POLYMER.

XI. TOXICOLOGICAL INFORMATION

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| Other: | NO DATA AVAILABLE. |
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XII. ECOLOGICAL INFORMATION

Ecotoxicity:

Other: NO DATA AVAILABLE.

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: INCINERATION IS THE RECOMMENDED METHOD FOR DISPOSAL OBSERVING ALL LOCAL, STATE AND FEDERAL REGULATIONS.

XIV. TRANSPORT INFORMATION

Other: DOT NAME: NOT REGULATED
DOT PACKING GROUP: PG

XV. REGULATORY INFORMATION

TSCA Status: THE COMPONENTS OF THIS PRODUCT ARE ALL ON THE TSCA INVENTORY LIST.

EPA Sara Title III Chemical Listings: HAZARD CATEGORIES UNDER CRITERIA OF SARA TITLE III RULES (40 CFR PART 370)

IMMEDIATE (ACUTE) HEALTH: Y
DELAYED (CHRONIC) HEALTH: N
FIRE: N
REACTIVE: N
SUDDEN RELEASE OF PRESSURE: N

INGREDIENT RELATED REGULATORY INFORMATION:

SARA REPORTABLE QUANTITIES

ETHYL ACRYLATE:
CERCLA RQ: 1000 LBS
SARA TPQ: NE

METHYL METHACRYLATE:
CERCLA RQ: 1000 LBS
P (EA/MMA):
CERCLA RQ: NE

SARA TITLE III, SECTION 313

THIS PRODUCT DOES NOT CONTAIN CHEMICAL(S) WHICH ARE DEFINED AS TOXIC CHEMICALS UNDER AND SUBJECT TO THE REPORTING REQUIREMENTS OF, SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

ETHYL ACRYLATE
METHYL METHACRYLATE

Supplemental State

Compliance Information:

California: CALIFORNIA PROP 65 – CARCINOGEN
THIS PRODUCT DOES CONTAIN THE FOLLOWING CHEMICAL(S), AS INDICATED BELOW, CURRENTLY ON THE CALIFORNIA LIST OF KNOWN CARCINOGENS.
ETHYL ACRYLATE

Massachusetts: RIGHT-TO-KNOW
THIS PRODUCT DOES CONTAIN THE FOLLOWING CHEMICAL(S), AS INDICATED BELOW, CURRENTLY ON THE MASSACHUSETTS RIGHT-TO-KNOW SUBSTANCE LIST.
ETHYL ACRYLATE
METHYL METHACRYLATE

New Jersey: RIGHT-TO-KNOW
THIS PRODUCT DOES CONTAIN THE FOLLOWING CHEMICAL(S), AS INDICATED BELOW, CURRENTLY ON THE NEW JERSEY RIGHT-TO-KNOW SUBSTANCE

LIST.
ETHYL ACRYLATE
METHYL METHACRYLATE

Pennsylvania:

ENVIRONMENTAL HAZARD
THIS PRODUCT DOES NOT CONTAIN THE FOLLOWING CHEMICAL(S), AS
INDICATED BELOW, CURRENTLY ON THE PENNSYLVANIA ENVIRONMENTAL
HAZARD LIST.

ETHYL ACRYLATE
METHYL METHACRYLATE

RIGHT-TO-KNOW
THIS PRODUCT DOES CONTAIN THE FOLLOWING CHEMICAL(S), AS INDICATED
BELOW, CURRENTLY ON THE PENNSYLVANIA HAZARDOUS SUBSTANCE LIST.

ETHYL ACRYLATE
METHYL METHACRYLATE

SPECIAL HAZARD
THIS PRODUCT DOES CONTAIN THE FOLLOWING CHEMICAL(S), AS INDICATED
BELOW, CURRENTLY ON THE PENNSYLVANIA SPECIAL HAZARD LIST.
ETHYL ACRYLATE

XVI. OTHER INFORMATION

WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION.
NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND
SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD
REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE
WHETHER
THEY ARE APPROPRIATE.