

MATERIAL SAFETY DATA SHEET

01/13/2012

For Coatings, Resins and Related Materials

SECTION I - PRODUCT IDENTIFICATION

Manufacturer: Crawford Laboratories, Inc. Information Phone: 773-376-7132
 4165 South Emerald Avenue Emergency Phone: 800-424-9300

Chicago IL 60609 ! Hazard Ratings: Health - 1
 Product Class: ACRYLIC ! none -> extreme Fire - 0
 Trade Name : ARCYLIC POLYMER ADDITIVE ! 0 ---> 4 Reactivity - 0
 Product Code : K0-037 !
 C.A.S. Number: !

SECTION II - HAZARDOUS INGREDIENTS

| Ingredients | CAS # | Weight % | Exposure Limits | | VP mm HG |
|--------------------|-------------|----------|-----------------|----------|----------|
| | | | ACGIH/TLV | OSHA/PEL | |
| ACRYLIC DISPERSION | PROPRIETARY | 50-75 | ppm | | 17.5 |

* SECTION 313 SUPPLIER NOTIFICATION

This ingredient is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372.

SECTION III - PHYSICAL DATA

Boiling Range: 212 - 212 Deg. F Vapor Density: Heavier than Air.
Evap. Rate: 0.0 x n-Butyl Acetate Liquid Density: Heavier than Water.
Volatiles volume: 34.6 % Wgt per gallon: 8.63 Pounds.
Appearance: OPAQUE LIQUID
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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: Flash Point: >200F LEL :

-EXTINGUISHING MEDIA:

FOAM, CO2, OR DRY CHEMICAL

-SPECIAL FIREFIGHTING PROCEDURES:

WATER MAY BE USED TO KEEP EXPOSED CONTAINERS COOL, AND TO KEEP
FLAMMABLE STRUCTURES WET

-UNUSUAL FIRE & EXPLOSION HAZARDS:

WATER PRESSURE MAY SPREAD A FIRE
SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.
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SECTION V - HEALTH HAZARD DATA

-PERMISSIBLE EXPOSURE LEVEL:

NONE ESTABLISHED - SEE SECTION II
CARE MUST BE TAKEN NOT TO EXCEED THE LOWEST EXPOSURE LIMIT
SHOWN IN SECTION II. WHEN IN DOUBT - AN APPROVED RESPIRATOR
SHALL BE WORN.

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SECTION V - HEALTH HAZARD DATA (cont.)

-EFFECTS OF OVEREXPOSURE:

OVEREXPOSURE MAY PRODUCE VARIOUS EFFECTS, INCLUDING:

1-ACUTE TOXICITY, RESULTING IN HEADACHE, DIZZINESS, NAUSEA, AND
LOSS OF CONSCIOUSNESS.

2-SEVERE EYE IRRITATION POSSIBLY RESULTING IN PERMANENT DAMAGE.

3-IRRITATED MUCOUS MEMBRANES.

4-VOMITING DUE TO INGESTION.

5-DEFATTING AND DRYING OF THE SKIN, WHICH MAY RESULT IN
IRRITATION AND DERMATITIS.

6-SENSITIZATION AFTER REPEATED CONTACT.

-FIRST AID:

--EYE CONTACT-FLUSH WITH PLENTY OF CLEAN, LOW PRESSURE LUKEWARM
WATER FOR AT LEAST 15 MIN., OCCASIONALLY LIFTING EYELIDS.
GET MEDICAL ATTENTION.

--INHALATION-REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF
BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT
BREATHING. GET MEDICAL ATTENTION. NEVER GIVE AN UNCONSCIOUS
PERSON LIQUIDS. KEEP VICTIM WARM AND COMFORTABLE.

--INGESTION-IF INGESTED, CALL PHYSICIAN IMMEDIATELY.

ONLY INDUCE VOMITING ON INSTRUCTIONS OF PHYSICIAN.

IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO
PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. NEVER GIVE

ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

--SKIN CONTACT-FLUSH WITH WATER WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. FOLLOW BY WASHING WITH SOAP AND WATER. DO NOT REUSE CONTAMINATED CLOTHING OR SHOES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. IF STICKY - USE A WATERLESS CLEANER FIRST.

SECTION VI - REACTIVITY DATA

STABILITY: [] Unstable [x] Stable

HAZARDOUS POLYMERIZATION: [] May occur [x] Will not occur

-INCOMPATIBILITY:

AVOID OXIDATING AGENTS, OPEN FLAMES, AND EPOXY RESINS.

-CONDITIONS TO AVOID:

AVOID HEAT, SPARKS, OPEN FLAMES, AND INCOMPATIBILITIES ABOVE.

-HAZARDOUS DECOMPOSITION PRODUCTS:

THERMAL DECOMPOSITION MAY YIELD OXIDES OF CARBON AND OTHER UNIDENTIFIED ORGANIC COMPOUNDS.

SECTION VII - SPILL OR LEAK PROCEDURES

-STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

NON-COMBUSTIBLE: WEAR PROTECTION EQUIPMENT INDICATED IN SECTION VIII DURING CLEAN UP. SOAK UP WITH AN ABSORBANT AND PLACE IN A NON-LEAKING CONTAINER. SEAL TIGHTLY FOR PROPER DISPOSAL. FLUSH AREA WITH WATER.

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SECTION VII - SPILL OR LEAK PROCEDURES (cont.)

-WASTE DISPOSAL METHOD:

DISPOSAL MUST BE IN ACCORDANCE WITH CURRENT LOCAL, STATE AND
FEDERAL REGULATION. CONTACT AN APPROVED DISPOSAL FACILITY.

SECTION VIII - SPECIAL PROTECTION INFORMATION:

-RESPIRATORY PROTECTION:

PROPERLY FITTED NIOSH/MSHA APPROVED RESPIRATORS SHALL BE USED
DURING APPLICATION UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST
LEVELS ARE BELOW APPLICABLE LIMITS.

-VENTILATION:

MUST PROVIDE ADEQUATE VENTILATION, SEE PARAGRAPH ABOVE.

-PROTECTIVE GLOVES:

USE RUBBER GLOVES

-EYE PROTECTION:

WEAR APPROVED SAFETY GOGGLES

-OTHER PROTECTIVE EQUIPMENT:

HAVE EYE BATH AND SAFETY SHOWER AVAILABLE.

SECTION IX - SPECIAL PRECAUTIONS

-PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

AVOID BREATHING VAPORS. STORE IN A COOL DRY PLACE.

-OTHER PRECAUTIONS:

VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW AREAS. DO NOT ENTER THESE AREAS WHERE VAPORS OF THIS PRODUCT ARE SUSPECTED UNLESS SPECIAL BREATHING APPARATUS IS USED.

NOTE

All information and opinions in this report are based on experience and computer programming which we believe to be reliable. We believe that the information contained herein is current as of the date of this report. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of Crawford Laboratories, Inc., it is the user's obligation to determine the conditions of safe use of this product.

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