

For Coatings, Resins and Related Materials

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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 - 2
Product Class: EPOXY PART A ! none -> extreme Fire - 1
Trade Name : SATIN FLOROPOXY ! 0 ---> 4 Reactivity - 0
Product Code : M1-086 !
C.A.S. Number: SEE BELOW !

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SECTION II - HAZARDOUS INGREDIENTS

Table with 6 columns: Ingredients, CAS #, Weight %, Exposure Limits (ACGIH/TLV, OSHA/PEL), VP (mm HG). Rows include EPOXY RESIN, NONYLPHENOL, and PHENYL CARBINOL.

May contain as impurities the following items:

- benzaldehyde (CAS# 100-52-7) 0.3 %
dibenzyl ether (CAS# 103-50-4) 0.1 %
hydroquinone monomethyl ether (CAS# 150-76-5) 0.025%

\* SECTION 313 SUPPLIER NOTIFICATION

Ingredients with \* above are subject to reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 of 40 CFR 372.

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SECTION III - PHYSICAL DATA

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Boiling Range: 401 - 545 Deg. F                      Vapor Density: Heavier than Air.  
Evap. Rate: 0.0 x n-Butyl Acetate                  Liquid Density: Heavier than Water.  
Volatiles volume: 0.7 %                              Wgt per gallon: 9.49 Pounds.  
Appearance: MILKY LIQUID

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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Flammability Class:                      Flash Point: >200F SETA                  LEL :

-EXTINGUISHING MEDIA:

FOAM, CO2, DRY CHEMICAL

-SPECIAL FIREFIGHTING PROCEDURES:

AS IN ANY FIRE, PREVENT HUMAN EXPOSURE TO FIRE, SMOKE, FUMES OR PRODUCTS OF COMBUSTION. EVACUATE NON-ESSENTIAL PERSONNEL FROM THE FIRE AREA. FIRE FIGHTERS SHOULD WEAR FULL-FACE, SELF-CONTAINED BREATHING APPARATUS AND IMPERVIOUS PROTECTINVE CLOTHING. WATER MAY BE USED TO KEEP FLAMMABLE STRUCTURES WET.

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Material Safety Data Sheet for: M1-086

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA (cont.)

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-UNUSUAL FIRE & EXPLOSION HAZARDS:

SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.

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SECTION V - HEALTH HAZARD DATA

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-PERMISSIBLE EXPOSURE LEVEL:

CARE SHOULD BE TAKEN TO ASSURE THAT THE EXPOSURE LIMITS SHOWN  
IN SECTION II ARE NOT EXCEEDED. WHEN IN DOUBT - WEAR AN  
APPROVED RESPIRATOR AND ORDER AIR SAMPLING TESTS. (SEE SECTION  
VIII).

-EFFECTS OF OVEREXPOSURE:

GENERAL EFFECTS FOR THIS TYPE OF PRODUCT:  
MAY CAUSE INJURY TO SKIN FOLLOWING REPEATED OR PROLONGED CONTACT  
AND MAY CAUSE SKIN SENSITIZATION OR OTHER ALLERGIC RESPONSES.  
EYE CONTACT MAY CAUSE SEVERE IRRITATION  
INHALATION MAY CAUSE IRRITATION TO NOSE, THROAT OR LUNGS  
INGESTION MAY BE HARMFUL IF SWALLOWED

-FIRST AID:

--EYE CONTACT-FLUSH WITH PLENTY OF FRESH WATER FOR 15 MINUTES  
WHILE HOLDING EYELIDS OPEN. 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. KEEP VICTIM WARM AND COMFORTABLE. NEVER GIVE AN UNCONSCIOUS PERSON LIQUIDS.

--INGESTION-IF SWALLOWED, CALL PHYSICIAN IMMEDIATELY. ONLY INDUCE VOMITING ON INSTRUCTIONS OF PHYSICIAN. IF VOMITING OCCURS SPONTANEOUSLY, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO 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 WATERLESS CLEANER FIRST.

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SECTION VI - REACTIVITY DATA  
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STABILITY: [ ] Unstable [x] Stable  
HAZARDOUS POLYMERIZATION: [ ] May occur [x] Will not occur

-INCOMPATIBILITY:

STRONG ACIDS, OXIDIZERS

-CONDITIONS TO AVOID:

STRONG ACIDS, OXIDIZERS

-HAZARDOUS DECOMPOSITION PRODUCTS:

TOXIC FUMES AT DECOMPOSITION TEMPERATURES.  
SUCH AS CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN,  
HF.

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SECTION VII - SPILL OR LEAK PROCEDURES

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

COMPLETELY ABSORB WITH INERT MATERIAL (VERMICULITE), SWEEP OR  
SCOOP UP AND PUT IN DISPOSAL CONTAINER. FLUSH AREA WITH WATER  
BUT PREVENT WASHINGS FROM ENTERING SEWERS AND WATERWAYS.

-WASTE DISPOSAL METHOD:

PLACE IN CLOSED CONTAINERS. DISPOSAL MUST BE IN ACCORDANCE  
WITH CURRENT LOCAL, STATE AND FEDERAL REGULATIONS. CONTACT  
AN APPROVED DISPOSAL FACILITY.

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SECTION VIII - SPECIAL PROTECTION INFORMATION:

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-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:

EFFECTIVE ENGINEERING CONTROLS SHOULD BE USED WHEREVER POSSIBLE.  
SOLVENT FREE COATINGS MAY PRODUCE VAPORS.

-PROTECTIVE GLOVES:

NEOPRENE RUBBER GLOVES.

-EYE PROTECTION:

WEAR APPROVED SAFETY GOGGLES AND/OR FACE SHIELD.

-OTHER PROTECTIVE EQUIPMENT:

HAVE EYE BATH AVAILABLE AND SAFETY SHOWER AVAILABLE.

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SECTION IX - SPECIAL PRECAUTIONS

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-PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

STORE AWAY FROM FLAMES AND HIGH TEMPERATURES. AVOID PROLONGED  
SKIN CONTACT. AVOID BREATHING VAPORS.

-OTHER PRECAUTIONS:

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  
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conditions of safe use of this product.

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