

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 - 2
Product Class: PART B ! none -> extreme Fire - 1
Trade Name : FLOROCRETE PART B ! 0 ---> 4 Reactivity - 1
Product Code : R-80 !
C.A.S. Number: NA !

=====
-----

SECTION II - HAZARDOUS INGREDIENTS

Table with 6 columns: Ingredients, CAS #, Weight %, Exposure Limits (ACGIH/TLV, OSHA/PEL), and VP (mm HG). Row 1: RUBINATE 9236, 9016-87-9, > 75, .05 mg/M3, .2

\* 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.

=====  
-----  
SECTION III - PHYSICAL DATA  
-----

Boiling Range: 574 - 574 Deg. F            Vapor Density: Heavier than Air.  
Evap. Rate: n-Butyl Acetate            Liquid Density: Heavier than Water.  
Volatiles volume: 0.0 %            Wgt per gallon: 9.99 Pounds.  
Appearance: AMBER LIQUID

=====  
-----  
SECTION IV - FIRE AND EXPLOSION HAZARD DATA  
-----

Flammability Class:            Flash Point: >200 F            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.

-UNUSUAL FIRE & EXPLOSION HAZARDS:

SEALED CONTAINERS MAY EXPLODE IF OVERHEATED.

=====  
-----  
SECTION V - HEALTH HAZARD DATA  
-----

-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).

Crawford Laboratories, Inc.

Material Safety Data Sheet for: R-80

=====

-----

SECTION V - HEALTH HAZARD DATA (cont.)

-----

-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.

=====  
-----  
SECTION VI - REACTIVITY DATA  
-----

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.

=====  
-----  
SECTION VII - SPILL OR LEAK PROCEDURES  
-----

-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.

Crawford Laboratories, Inc.  
Material Safety Data Sheet for: R-80

SECTION VII - SPILL OR LEAK PROCEDURES (cont.)

-WASTE DISPOSAL METHOD:

PLACE IN CLOSED CONTAINERS. DISPOSAL MUST BE IN ACCORDANCE WITH CURRENT LOCAL, STATE AND FEDERAL REGULATIONS. 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:

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.

SECTION IX - SPECIAL PRECAUTIONS

-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 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.

Crawford Laboratories, Inc. makes no warranty, expressed or implied, as to the accuracy of the information and opinions, and assumes no responsibility for any damage to person, property or business arising from such use.