

RALRUBE INC. -- EPOXY RESIN -- 8040-00-849-5195

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Product Identification
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Product ID:EPOXY RESIN
MSDS Date:05/28/1998
FSC:8040
NIIN:00-849-5195
Status Code:A
MSDS Number: CKXPB
=== Responsible Party ===
Company Name:RALRUBE INC.
Address:36977 FOX GLEN
City:FARMINGTON HILLS
State:MI
ZIP:48331
Country:US
Info Phone Num:810-661-0260
Emergency Phone Num:1-800-663-4057
Preparer's Name:BOBBY S
TOKES
CAGE:6X798
=== Contractor Identification ===
Company Name:RADIATOR SPECIALTY COMPANY
Address:1900 WILKINSON BLVD.
Box:34689
City:CHARLOTTE
State:NC
ZIP:28208
Country:US
Phone:704-377-6555/303-623-5716
CAGE:77628

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Composition/Information on Ingredients
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Ingred Name:BISPHENOL A-EPICHLOROHYDRIN EPOXY RESIN
CAS:25068-38-6
RTECS #:CE6880000
= Wt:100.

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES In

gestion:NO

Health Hazards Acute and Chronic:EYE CONTACT- BASED ON PRODUCT TESTING PRODUCT IS MODERATELY IRRITATING TO THE EYES. CONTACT WITH PRODUCT AT ELEVATED TEMP CAN RESULT IN THERMAL BURNS. SKIN CONTACT-BASED ON TESTING PRODUCT IS MODERATELY IRRITATING TO SKIN,MAY CAUSE SKIN SENSITIZATION.CONTACT WITH PRODUCT AT ELEVATED TEMPERATURES CAN RESULT IN THERMAL BURNS. INHALATION- BECAUSE OF ITS LOW VOLATILITY THIS PRODUCT IS NOT LIKELY TO BE AN INHALATION HAZARD.INGES

TION--BASED ON PRODUCT TESTING ,PRODUCT IS CONSIDERED TO HAVE A LOW ORDER OF ACUTE TOXICITY.

Effects of Overexposure:SKIN SENSITIZATION AS EVIDENCED BY RASH, HIVES.

Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN AND EYE DISORDERS

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===== First Aid Measures =====

First Aid:EYES-FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN--REMOVE CONTAMINATED CLOTHING/SHOES AND WIPE EXCESS FROM SKIN.

FLUSH SKIN

WITH WATER. FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION.DO NOT REUSE CLOTHING UNTIL CLEANED. CONTAMINATED LEATHER ARTICLESINCLUDING SHOES, CANNOT BE DECONTAMINATED AND SHOULD BE DESTROYED TO PREVENT REUSE.

INGESTION--DO NOT INDUCE VOMITING. IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED. HOWEVER, GET MEDICAL ATTENTION. INHALATION--REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYG

ENIF

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===== Fire Fighting Measures =====

Flash Point Method:PMCC

Flash Point:=248.9C, 480.F

Extinguishing Media:USE WATER FOG, FOAM, DRY CHEMICAL OR CO2

Fire Fighting Procedures:MATERIAL WILL NOT BURN UNLESS PREHEATED. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAI

NEERS WITH WATER.

===== Accidental Release Measures =====

Spill Release Procedures: MAY BURN ALTHOUGH NOT READILY IGNITABLE. WEAR RESPIRATOR AND PROTECTIVE CLOTHING AS APPROPRIATE. SHUT OFF SOURCE OF LEAK IF SAFE TO DO SO. REMOVE WITH VACUUM TRUCKS OR PUMP TO STORAGE/SALVAGE VESSELS. SOAK UP RESIDUE WITH AN ABSORBENT SUCH AS CLAY, SAND OR OTHER SUITABLE MATERIAL. DISPOSE OF PROPERLY. FLUSH AREA WITH WATER TO REMOVE TRACE RESIDUE. SMALL SPILL--TAKE UP WITH AN ABSORBENT MATERIAL AND

===== Handling and Storage =====

Handling and Storage Precautions: CONTAINERS (EVEN EMPTIED ONES) CAN CONTAIN HAZARDOUS PRODUCT RESIDUES. HANDLE IN ACCORDANCE WITH THE HAZARD POTENTIAL OF CURING AGENTS USED. MAY CAUSE IRRITATION. AVOID CONTACT WITH EYES; AVOID PROLONGED CONTACT WITH SKIN. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, APPLYING COSMETICS

Other Precautions: HEATING RESIN ABOVE 300 D F IN THE PRESENCE OF AIR MAY CAUSE SLOW OXIDATIVE DECOMPOSITION ABOVE 500 D F. POLYMERIZATION MAY OCCUR. SOME CURING AGENTS (ALIPHATIC POLYAMINES) CAN PRODUCE EXOTHERMIC REACTIONS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection: NOT ORDINARILY REQUIRED
Protective Gloves: CHEMICAL RESISTANT
Eye Protection: AVOID CONTACT WITH EYES. WEAR SAFETY GLASSES OR GOGGLES
Supplemental Safety and Health

===== Physical/Chemical Properties =====

Boiling Pt: >260.C, 500.F
Vapor Pres: .03 AT 77 DEG C
Spec Gravity: 1.17
Appearance and Odor: VERY LIGHT YELLOW, VERY VISCOUS LIQUID

===== Stability and Reactivity Data =====

CAN REACT VIGOROUSLY WITH STRONG OXIDIZING AGENTS. STRONG LEWIS OR MINERAL ACIDS, AND STRONG MINERAL AND ORGANIC BASES/ ESPECIALLY PRIMARY AND SECONDARY ALIPHATIC AMINES, REACTION WITH SOME CURING AGENTS MAY PRODUCE HEAT.

Hazardous Decomposition Products: CARBON

MONOXIDE, ALDEHYDES, ACIDS, AND
OTHER ORGANIC SUBSTANCES MAY BE FORMED DURING COMBUSTION OR
ELEVATED TEMPERATURE DEGRADATION.

===== Other Information =====

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