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HAZARD RATING:
HEALTH: 1
FIRE: 1
REACTIVITY: 1
0=LEAST, 1=SLIGHT
2=MODERATE, 3=HIGH
4=EXTREME

HAZARD CODE: J

I. IDENTIFICATION

PRODUCT NAME: RIPLEY RESIN #468-2FX

CHEMICAL NAME: DIGLYCIDYL ETHER OF BISPHENOL A MIXTURE

SYNONYMS: PROPRIETARY

CHEMICAL FAMILY: EPOXY

II. HAZARDOUS INGREDIENTS

MATERIAL	%	TLV	HAZARD DATA
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TRADE SECRET
(CAS # 67746-09-2)

N. E. = NOT ESTABLISHED
N. A. = NOT APPLICABLE

HAZARD STATEMENT: THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910. 1200. THIS PRODUCT IS CONSIDERED TO BE A HAZARDOUS CHEMICAL UNDER THAT STANDARD

III. PHYSICAL DATA

BOILING POINT, 760 MMHG: N. A.

VAPOR PRESSURE AT 20 C: 1 MMHG

VAPOR DENSITY (AIR=1): >1

SOLUBILITY IN WATER: SLIGHT

SPECIFIC GRAVITY (H2O=1): 1.05 +/- .05

PERCENT VOLATILE BY VOL: NIL

EVAPORATION RATE (BUTYL ACETATE=1): N. A.

APPEARANCE: AMBER FLUID

ODOR: LOW ORDER

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD): >200DF PMCC

FLAMMABLE LIMITS IN AIR, BY VOLUME

LOWER: NOT DETERMINED

UPPER: NOT DETERMINED

EXTINGUISHING MEDIA: FOAM CO2, DRY CHEMICAL OR WATER SPRAY

SPECIAL FIRE FIGHTING PROCEDURES: WATER SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND TO PROTECT PERSONS ATTEMPTING TO STOP A LEAK. DO NOT ENTER CONFINED FIRE SPACE WITHOUT SELF-CONTAINED BREATHING APPARATUS TO PROTECT FROM FUMES. UNUSUAL FIRE AND EXPLOSION HAZARDS: NO UNUSUAL HAZARDS.

V. HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

EYE: MAY CAUSE MINOR TRANSIENT IRRITATION. NO CORNEAL INJURY LIKELY.

SKIN: MAY CAUSE MINOR IRRITATION, MAY CAUSE SKIN SENSITIZATION. NOT LIKELY TO BE ABSORBED IN TOXIC AMOUNTS.

INGESTION: LOW IN TOXICITY.

INHALATION: RESPIRATORY TRACT IRRITATION NOT LIKELY.

EMERGENCY FIRST AID PROCEDURES:

EYE: FLUSH WITH RUNNING WATER FOR 15 MINUTES. CONSULT PHYSICIAN.

SKIN: WASH PROMPTLY WITH SOAP AND WATER.

INGESTION: SEEK MEDICAL ASSISTANCE IMMEDIATELY.

INHALATION: REMOVE PERSON TO FRESH AIR. SEEK MEDICAL ATTENTION IF NEEDED.

NOTE TO PHYSICIAN:

ORAL TOXICITY OF THIS COMPOUND IS LOW, BUT THERE ARE DEFINITE PERCUTANEOUS AND INHALATION EFFECTS SHOWN IN ANIMAL STUDIES. BECAUSE OF ITS IRRITANT PROPERTIES, PERSONS HANDLING MATERIAL SHOULD AVOID CONTACT OF THE MATERIAL WITH THE SKIN OR EYES, AND SHOULD AVOID INHALING VAPORS.

VI. REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: EXCESS HEATING OVER LONG PERIODS OF TIME DEGRADES RESIN.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS, STRONG LEWIS OR MINERAL ACIDS AND CAUSTICS.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: NONE UNDER NORMAL USE. CO, ALDEHYDES AND ACIDS MAY BE FORMED DURING COMBUSTION.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR ON ITS OWN.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: ABSORB WITH INERT MATERIAL (CLAY, SAND, ETC.) AND PLACE IN APPROPRIATE CONTAINERS WITH NON-SPARKING TOOLS.

WASTE DISPOSAL METHOD: DISPOSE OF MATERIAL ACCORDING TO ALL FEDERAL, STATE AND LOCAL LAWS.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NONE NORMALLY NEEDED. USE A NIOSH RESPIRATOR WITH VAPOR/GAS FILTER FOR PERSONAL COMFORT.

VENTILATION: GOOD ROOM VENTILATION USUALLY ADEQUATE FOR MOST OPERATION.

SKIN PROTECTION: CLEAN, BODY-COVERING CLOTHING AND WEAR IMPERVIOUS TYPE GLOVES TO MINIMIZE CONTACT.

EYE PROTECTION: SAFETY GLASSES/ CHEMICAL GOGGLES.

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A COOL, DRY PLACE. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

PRACTICE GOOD CAUTION AND PERSONAL CLEANLINESS TO AVOID SKIN AND EYE CONTACT. AVOID BREATHING VAPORS OF HEATED MATERIAL.

RIPLEY RESIN #468-2FX
OTHER DATA:

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DOT SHIPPING NAME: NOT REGULATED

DOT LABEL: N. A.

ERG: N. A.

UPS INFO: NOT REGULATED

IATA INFO: NOT RESTRICTED

IATA LABEL: N. A.

ERG: N. A.

PACKAGING GROUP: N. A.

IATA PACKAGING: N. A.

IMO CLASS: N. A.

VESSAL STOWAGE: N. A.

IMO STATEMENT: N. A.

CONTENTS OF PRECAUTIONARY LABEL:

CAUTION!

MAY CAUSE EYE AND SKIN IRRITATION, POTENTIAL SKIN SENSITIZER.

PREVENT CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING.
REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. CONTAMINATED
LEATHER SHOES SHOULD BE DISCARDED. SEE MSDS FOR DETAILS.

EYE CONTACT: IN CASE OF CONTACT IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER OR MINERAL OIL FOR AT LEAST 15 MINUTES [GET MEDICAL ATTENTION].

SKIN CONTACT: WIPE OFF SKIN CONTAMINATION AND PROMPTLY WASH WITH SOAP AND WATER.

INGESTION: IF CONSCIOUS, GIVE WATER AND INDUCE VOMITING BY INSERTING FINGER DOWN THROAT, OBTAIN MEDICAL TREATMENT.

INHALATION: IMMEDIATELY MOVE TO FRESH AIR, KEEP VICTIM QUIET. ADMINISTER CPR AND/OR OXYGEN AS REQUIRED, OBTAIN MEDICAL ASSISTANCE.

SPILL

WIPE UP WITH ABSORBENT MATERIAL AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

FIRE FIGHTING

USE CO2, FOAM OR DRY CHEMICAL. DO NOT ENTER A CONFINED AREA WITHOUT SBCA.

PRODUCT CONTAINS: SEE SECTION II FOR HAZARDOUS INGREDIENTS

-FOR INDUSTRIAL USE ONLY-

WARNING: THIS CONTAINER HAZARDOUS WHEN EMPTY. SINCE EMPTY CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID OR SOLIDS) ALL LABELED HAZARDOUS PRECAUTIONS MUST BE OBSERVED. DO NOT REUSE "EMPTY CONTAINER" FOR FOOD, CLOTHING OR PRODUCTS FOR HUMAN OR ANIMAL CONSUMPTION OR SKIN CONTACT WITHOUT PROFESSIONAL CLEANING.

X. DISCLAIMER

THE INFORMATION EXPRESSED HEREIN IS BASED UPON DATA BELIEVED TO BE CORRECT. HOWEVER, NO GUARANTEE OR WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED, IS MADE WITH RESPECT TO THE INFORMATION CONTAINED HEREIN.

CONTACT THE EPOXYLITE CORPORATION'S TECHNICAL DEPARTMENT FOR ANY FURTHER INFORMATION OR RECOMMENDATIONS.

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