

CO-POLYMER CHEMICALS, INC. -- EPOXYN ENAMEL SERIES R PART A -- 8010-00-118-2456  
===== Product Identification =====

Product ID:EPOXYN ENAMEL SERIES R PART A

MSDS Date:01/01/1987

FSC:8010

NIIN:00-118-2456

Kit Part:Y

MSDS Number: BHMDY

=== Responsible Party ===

Company Name:CO-POLYMER CHEMICALS, INC.

Address:12350 MERRIMAN RD

City:LIVONIA

State:MI

ZIP:48150

Country:US

Info Phone Num:313-421-0800

Emer

gency Phone Num:313-421-0800

CAGE:13178

=== Contractor Identification ===

Company Name:CO-POLYMER CHEMICALS INC

Address:12350 MERRIMAN RD

Box:City:LIVONIA

State:MI

ZIP:48150-1923

Country:US

CAGE:13178

===== Composition/Information on Ingredients =====

Ingred Name:EPOXY RESIN

Fraction by Wt: 28%

Ingred Name:DI ACETONE ALCOHOL

RTECS #:HI5600000

Fraction by Wt: 3%

OSHA PEL:50 PPM

ACGIH TLV:50 PPM

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 15%  
OSHA PEL:100 PPM/150 STEL  
ACGIH TLV:100 PPM/150STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)  
CAS:67-63-0  
RTECS #:NT8050000  
Fraction by Wt: 4%  
OSHA PEL:400 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:METHYL ISOBUTYL CARBINOL  
CAS:108-11-2  
RTECS #:SA7350000  
Fraction by Wt: 4%  
OSHA PEL:S,25 PPM/40 STEL  
ACGIH TLV:S,25 PPM/40STEL;9192

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL  
6475000  
Fraction by Wt: 1%  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:INERT PIGMENTS  
Fraction by Wt: 44%  
OSHA PEL:200 PPM  
ACGIH TLV:200 PPM

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Health Hazards Acute and Chronic:EYES: CAN CAUSE SEVERE IRRITATION.  
SKIN: PROLONGED/REPEATED CONTACT CAN CAUSE IRRITATION. DEFATTING  
& POSSIBLE DERMATITIS

. BREATHING EXCESSIVE AMOUNTS OF VAPORS  
MAY CAUSE NASAL & RESPIRATORY IRR I, NAUSEA OR UNCONSC. SWALLOW:  
VOMIT,IRRI, NAUSEA, ASPIRATION INTO LUNGS CAN CAUSE CHEM  
PNEUMONITIS CAN BE FATAL.

Explanation of Carcinogenicity:NA

Effects of Overexposure:OVER EXPOSURE CAN CAUSE INTOXICATION, EYE  
IRRITATION, EYE IRRITATION, REDNESS & OTHER ALLERGIC RESPONSES SUCH  
AS SKIN IRRITATION OR DERMATITIS.

Medical Cond Aggravated by Exposure:RESPIRATORY DISORDERS AND  
DERMATITIS.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MIN., CONSULT PHYSICIAN  
IMMEDIATELY. SKIN: WASH WITH SOAP & WATER, LAUNDRER CLOTHING  
BEFORE RE-USE. IF SWALLOWED: DO NOT INDUCE VOMITING. KEEP PERSON  
WARM, QUIET & GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point Method:TOC

Flash Point:73 F/ 23 C

Lower Limits:1.0

Upper Limits:7.0

Extinguishing Media:CARBON DIOXID  
E OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS WITH  
FULL FACE PIECE OPERATED IN POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY  
TRAVEL ALONG GROUND TO POSSIBLE IGNITION SOURCES DISTANT FROM  
HANDLING POINT.

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

Spill Release Procedures:SOAK UP WITH INNERT ABSORBANT MATERIAL. STORE  
IN COVERED METAL CONTAINER BEFORE DISPOSAL. KEEP AW  
AYFROM OPEN  
FLAME OR SPARKS.

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

Handling and Storage Precautions:KEEP AWAY FROM EXTREME HEAT, OPEN  
FLAME, SPARKS OROther IGNITION SOURCES.

Other Precautions:DO NOT WELD OR USE CUTTING TORCH ON ANY EMPTY  
CONTAINER.

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

Respiratory Protection:RESPIRATOR-BUREAU OF MINES APPROVED FOR ORGANIC  
VAPOR IF IN CONFINED AREA OR SPRAYED.

Ventilation:LOCAL EXH

AUST IF NECESSARY TO CONTROL VAPOR BELOW TLV  
LIMIT.MECHANICAL SUFFICIENT TO MAINTAIN VAPOR BELOW TLV.  
Protective Gloves:IMPERVIOUS VINYL OR BUTYL RUBBER.  
Eye Protection:CHEMICAL SPLASH GOGGLES.  
Other Protective Equipment:IMPERVIOUS APRON OR COVERALLS TO PROTECT  
CLOTHING.  
Work Hygienic Practices:AVOID INHALATION OF VAPORS. DO NOT ALLOW  
CONTACT WITH SKIN OR EYES.  
Supplemental Safety and Health  
NK

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

Boiling Pt:B.P. Te  
xt:175 F  
Melt/Freeze Pt:M.P/F.P Text:NA  
Vapor Pres:70  
Vapor Density:1.03  
Spec Gravity:1.5  
Evaporation Rate & Reference:< 1.0 (ETHER=1)  
Solubility in Water:20%  
Appearance and Odor:HEAVY LIQUID - HYDROCARBON ODOR

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS OR STRONG ACIDS.  
Stability Condition to Avoid:EXTREME HEAT, OPEN FLAME OR SPARKS.  
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE & MAY  
FORM OTHER HYDROCARBONBY PRODUCTS.  
Conditions to Avoid Polymerization:EXTREME HEAT, OPEN FLAME OR SPARKS.

===== Disposal Considerations =====

Waste Disposal Methods:INCINERATE IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS. VERY SMALL AMOUNTS MAY BE BURIED IN  
LANDFILL IN ACCORDANCE WITH ALL REGULATIONS.

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