

CIBA-GEIGY CORP -- EPOCAST HARDENER 946, FPC5000

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MSDS Safety Information  
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FSC: 8010  
NIIN: 01-294-0655  
MSDS Date: 10/04/1994  
MSDS Num: CFQYL  
Product ID: EPOCAST HARDENER 946, FPC5000  
MFN: 03  
Kit Part: Y  
Responsible Party  
Cage: 0267X  
Name: CIBA-GEIGY CORP  
Address: 5121 W SAN FERNANDO RD  
City:  
LOS ANGELES CA 90039-1011  
Info Phone Number: 800-888-8372  
Emergency Phone Number: 818-247-6210  
Preparer's Name: RAJESH S PATEL  
Proprietary Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 99384  
Name: CIBA SPECIALTY CHEMICALS CORP, N. A. / PERFORMANCE POLYMERS  
Address: 5121 SAN FERNANDO RD WEST  
City: LOS ANGELES CA 90039-1011  
Phone: 818-247-6210/800-873-1138  
Cage: 0267X  
Name: CIBA-GEIGY CO  
RP  
Address: 4917 DAWN AVE  
Box: 18300  
City: EAST LANSING MI 48823-5605  
Phone: 517-351-5900

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Item Description Information  
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Item Name: EPOXY COATING KIT  
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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data

LD50 LC50 Mixture: SEE INGREDIENT 1

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: INHAL: VAPOR OR MIST CAN CAUSE SEVERE IRRITATION TO NOSE & THROAT. EYE CONT: CORROSIVE; CAUSES PERMANENT, IRREVERSIBLE EYE INJURY. SKIN: CORROSIVE; CAUSES BURNS. INGESTION: SUBSTANCE WILL CAUSE BURNING AND SWELLING OF MOUTH, THROAT &

ABDOMEN. DELAYED EFFECTS:

PROLONGED OR REPEATED EXPOSURE CAN (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptoms Of Overexposure: HLTH HAZ: CAUSE LIVER AND KIDNEY DAMAGE.

SUBSTANCE CAN CAUSE ALLERGIC REACTION. TOX INFO: EYES: CORROSIVE; CAUSES BURNS. SKIN: CORROSIVE; CAUSES BURNS AND POTENTIAL SENSITIZER.

Medical Cond Aggravated By Exposure: ALLERGY, ECZEMA, EYE OR RESPIRATORY CONDITIONS.

First Aid: INHAL: MOVE TO FRESH AIR. GIVE OXYG IF BRTHG IS DFCLT. EY

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SKIN CONT: FLUSH EYES W/LG AMT OF WATER FOR @ LST 15 MINS. GET PROMPT MED ATTN. WASH SKIN THOROUGHLY W/SOAP & WATER. REMOVE & WASH CLTHG BEFORE REUSE. INGEST: DILUTE BY GIVING 2 GLASSES OF WATER TO DRINK. SEE PHYS. NEVER GIVE ANYTHING BY MOUTH TO UNCON PERSON. NOTE TO PHYS: ALLERGIC DERM/RESP RESPONSE IN SUCEPTIBLE INDIVIDUALS (SUPDAT)

Handling and Disposal

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Spill Release Procedures: EVAC SPILL AREA. WEAR FULL PROT EQUIP. (ACID

RESISTANCE CLTHG, GLOVES, & BOOTS, CHEM SPLASH GOGGS & FACE SHIELD).

DIKE & ABSORB SPILL W/INERT MATL. TRANSFER TO CNTNRS SUITABLE FOR DISP.

REMOVE CONTAMD CLTHG PROMPTLY & WASH AFFECTED SKIN AREAS(SUPDAT)

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: INCINERATE LIQUID; LANDFILL OR INCINERATE CONTAMINATED

DIKING MATERIAL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

Handling And Storage Precautions: STOR TEMP:MAXIMUM 35C. STORE AWAY FROM EXCESS HEAT (E.G., STEAMPIPES, RADIATORS), FROM SOURCES OF IGNITION & FROM REACTIVE MATERIALS.

Other Precautions: DO NOT STORE NEAR FOOD OR FEED. CORROSIVE TO COPPER AND BRASS ON LONG TERM STORAGE. CORROSIVE MATERIAL!! AVOID ALL EYE & SKIN CONT. PLEASE READ TECHNICAL DATA SHEET BEFORE HANDLING THE PRODUCT.

Fire and Explosion Hazard Information

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Flash Point Method: PMCC

Flash Point Text: >210F,>99C

Lower Limits: 1.4%

Upper Limits: 7.2%

Extinguishing Media: FOAM, CO\*2, DRY CHEMICAL, WATER.

Fire Fighting Procedures: USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). DO NOT USE A SOLID STREAM OF WATER. A SOLID STREAM OF WATER CAN SPREAD FIRE.

Unusual Fire/Explosion Hazard: DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC.

#### Control Measures

Respiratory Protection: WEAR RESPIRATOR (NIOSH) SUITABLE FOR CONCENTRATIONS AND TYPES OF AIR CONTAMINANTS ENCOUNTERED.

Ventilation: MECHANICAL LOCAL EXHAUST VENTILATION AT POINT OF CONTAMINANT RELEASE.

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment: ANSI APPRVD EYE WASH & DELUGE SHOWER (FP N). PROTECTIVE CLOTHING.

Work Hygien

ic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health: USER OF "L" VERSION OF SHOULD CONSULT "LR" VERSION FOR ADDNL INFO (FP N). FIRST AID PROC: MAY BE DELAYED. IT MAY APPEAR AFTER WEEKS OR EVEN MONTHS OF FREQUENT & PROLONGED CONTACT. SPILL PROC: WITH SOAP & WATER. THOROUGHLY LAUNDRER CLTHG BEFORE REUSE. KEEP SPILLS & CLEANING RUNOFFS OUT OF MUNICIPAL SEWERS &

#### Physical/Chemical Properties

B.P. Text: >405F,>207C

Vapor Pres: <1 @ 20C

Vapor Density: >1

Spec Gravity: 1.05 (WATER =1)

Solubility in Water: APPRECIABLE

Appearance and Odor: CLEAR TO STRAW COLOR LIQUID, AMMONIACAL ODOR.

#### Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: ELEVATED TEMPERATURES.

Materials To Avoid: ACIDS, OXIDIZING A

GENTS, ALDEHYDES, KETONES, EPOXIDES,  
ACRYLATES, AND ORGANIC HALIDES.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, AND OXIDES  
OF NITROGEN.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT.

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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Transport  
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Responsible Party Cage: 0267X  
Trans ID NO: 123033  
Product ID: EPOCAST HARDENER 946, FPC5000  
MSDS Prepared Date: 10/04/1994  
Review Date: 12/16/1997  
MFN: 3  
Multiple KIT Number: 0  
Kit Part IND: Y  
Review IND: Y

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Detail DOT Information  
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DOT PSN Code: FAD  
DOT Proper Shipping Name: DIETHYLENETRIAMINE  
Hazard Class: 8  
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ID Num: UN2079  
DOT Packaging Group: II  
Label: CORROSIVE  
Special Provision: B2,T8  
Packaging Exception: 154  
Non Bulk Pack: 202  
Bulk Pack: 242  
Max Qty Pass: 1 L  
Max Qty Cargo: 30 L  
Vessel Stow Req: A  
Water/Ship/Other Req: 40

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Detail IMO Information  
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IMO PSN Code: FRB  
IMO Proper Shipping Name: DIETHYLENETRIAMINE  
IMDG Page Number: 8161  
UN Number: 2079  
UN Hazard Class: 8  
IMO Packaging Group:  
II  
Subsidiary Risk Label: -  
EMS Number: 8-05  
MED First Aid Guide NUM: 320

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Detail IATA Information  
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IATA PSN Code: JIR  
IATA UN ID Num: 2079  
IATA Proper Shipping Name: DIETHYLENETRIAMINE  
IATA UN Class: 8  
IATA Label: CORROSIVE  
UN Packing Group: II  
Packing Note Passenger: 808  
Max Quant Pass: 1L  
Max Quant Cargo: 30L  
Packaging Note Cargo: 812

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Detail AFI Information  
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AFI PSN Code: JIR  
AFI Proper Shipping Name: DIETHYLENETRIAMINE  
AFI Hazard Class: 8  
AFI UN ID NUM: UN2079  
AFI Packing Group: II  
Special Provisions: P5  
Back Pack Reference: A12.3

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HAZCOM Label  
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Product ID: EPOCAST HARDENER 946, FPC5000  
Cage: 0267X  
Company Name: CIBA-GEIGY CORP  
Street: 4917 DAWN AVE  
PO B

ox: 18300  
City: EAST LANSING MI  
Zipcode: 48823-5605  
Health Emergency Phone: 818-247-6210  
Label Required IND: Y  
Date Of Label Review: 09/24/1997  
Status Code: C  
Label Date: 09/24/1997  
Origination Code: G  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Severe  
Contact Hazard: Severe  
Fire Hazard: Slight  
Reactivity Hazard: None

Hazard And Precautions: CORROSIVE. ACUTE: INHALATION: VAPOR OR MIST CAN CAUSE SEVERE IRRITATION TO NOSE & THROAT. EYE CONTACT: CORROSIVE; CAUSES PERMANENT, IRREVERSIBLE EYE INJURY. SKIN: CORROSIVE; CAUSES BURNS. INGESTION: SUBSTANCE WILL CAUSE BURNING AND SWELLING OF MOUTH, THROAT & ABDOMEN. DELAYED EFFECTS: PROLONGED OR REPEATED EXPOSURE CAN CAUSE LIVER AND KIDNEY DAMAGE. SUBSTANCE CAN CAUSE ALLERGIC REACTION. POTENTIAL SKIN SENSITIZATION.

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