

CIBA-GEIGY CORP -- EPOCAST HARDNER 946 -- 5970-00-226-9577

===== Product Identification =====

Product ID:EPOCAST HARDNER 946

MSDS Date:10/04/1994

FSC:5970

NIIN:00-226-9577

Kit Part:Y

MSDS Number: CFYLJ

=== Responsible Party ===

Company Name:CIBA-GEIGY CORP

Address:5121 W SAN FERNANDO ROAD

City:LOS ANGELES

State:CA

ZIP:90039-1011

Country:US

Info Phone Num:818-247-6210/800-888-8372

Emergency Phone Num:818-247-6210/800-888-8372

CAGE:0267X

=== Contractor Identific

ation ===

Company Name:CIBA SPECIALTY CHEMICALS CORP, N. A. / PERFORMANCE
POLYMERS

Address:5121 SAN FERNANDO RD WEST

Box:City:LOS ANGELES

State:CA

ZIP:90039-1011

Country:US

Phone:818-247-6210/800-873-1138

CAGE:99384

Company Name:CIBA-GEIGY CORP

Address:4917 DAWN AVE

Box:18300

City:EAST LANSING

State:MI

ZIP:48823-5605

Country:US

Phone:517-351-5900

CAGE:0267X

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

Ingred Name:DIETHYLENETRIAMINE

CAS:111-40-0

RTECS #:IE1225000

Oth

er REC Limits:NONE RECOMMENDED

OSHA PEL:1 PPM

ACGIH TLV:S, 1 PPM; 9596

Ingred Name:4,4'-ISOPROPYLIDENEDIPHENOL (SARA 313)

CAS:80-05-7

RTECS #:SL6300000

Other REC Limits:NONE RECOMMENDED

Ingred Name:TRADE SECRET- ADDUCT OF ETHYLAMINE, SUBSTITUTEDAMINE AND
BISPHENOL A

Fraction by Wt: SECRET

Other REC Limits:NONE RECOMMENDED

Ingred Name:ETHANOLAMINE

CAS:141-43-5

RTECS #:KJ5775000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:3 PPM

ACGIH TLV:3 PPM/6 STEL; 9596

===== Hazards Ide
ntification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION-VAPOR OR MISTS CAN CAUSE
SEVERE IRRITATION TO THE NOSE & THROAT. DELAYED EFFECTS: PROLONGED
OR REPEATED EXPOSURE CAN CAUSE LIVER AND KIDNEY DAMAGE. SUBSTANCE
CAN CAUSE ALLERGIC SKIN REACTIO N.

Explanation of Carcinogenicity:NOT CARCINOGENIC.

Effects of Overexposure:EYE-CORROSIVE TO EYES; CAUSES PER
MANENT,

IRREVERSIBLE EYE INJURY. SKIN-CORROSIVE TO SKIN; CAUSES BURNS.
INGESTION-SUBSTANCE WILL CAUSE BURNING AND SWELLING OF MOUTH,
THROAT AND ABDOMEN.

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

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

First Aid:INHALATION-MOVE SUBJECT TO FRESH AIR. GIVE OXYGEN IF
BREATHING IS DIFFICULT. EYE AND SKIN-FLUSH EYES WITH LARGE AMOUNTS
OF WATER FOR AT LEAST 15 MIN. GET PROM

PT MEDICAL ATTENTION. WASH

SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE AND WASH CLOTHING BEFORE RESUE. INGESTION-DILUTE BY GIVING 2 GLASSES OF WATER TO DRINK. SEE A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:PMCC

Flash Point:>210F,>99C

Lower Limits:1.4

Upper Limits:7.2

Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER.

Fire Fighting Procedures:WEAR BREATHING APPARATUS AND FULL PROTECTIVE

GEAR. 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.

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

Spill Release Procedures:EVACUATE THE SPILL AREA. WEAR FULL PROTECTIVE EQUIPMENT. DIKE AND CONTAIN SPILL WITH INERT MATERIAL. TRANSFER TO CONTAINERS SUITABLE FOR DISPOSAL. KEEP SPILL AND CLEANING RUNOFFS OUT

OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:MAXIMUM 35C. STORE AWAY FROM EXCESSIVE HEAT, FROM SOURCES OF IGNITION AND FROM REACTIVE MATERIALS. DO NOT STORE NEAR FOOD OR FEED.

Other Precautions:CORROSIVE TO COPPER AND BRASS ON LONG TERM STORAGE. CORROSIVE MATERIAL! AVOID ALL EYE AND SKIN CONTACT. PLEASE READ TECHNICAL DATA SHEET BEFORE HANDLING THE PRODUCT.

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

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

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

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:CHEMICAL SPLASH GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING, SAFETY SHOWER AND EYE WASH FACILITY.

Work Hygienic P

ractices:WASH AFTER HANDLING.
Supplemental Safety and Health
CORROSIVE.

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

HCC:B2

Boiling Pt.=207.2C, 405.F

Vapor Pres:1

Spec Gravity:1.05

Viscosity:400 CPS

Evaporation Rate & Reference: