

CIBA CORP FORMULATED MATERIALS GROUP DIV -- FPC2034 EPOCAST 1619 B --  
8040-01-391-8407

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

Product ID:FPC2034 EPOCAST 1619 B

MSDS Date:10/04/1994

FSC:8040

NIIN:01-391-8407

MSDS Number: BZBYX

=== Responsible Party ===

Company Name:CIBA CORP FORMULATED MATERIALS GROUP DIV

Address:5121 SAN FERNANDO ROAD W

City:LOS ANGELES

State:CA

ZIP:90039-1011

Country:US

Info Phone N

um:818-247-6210/800-888-8372

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

Preparer's Name:AJESH S PATEL

CAGE:FO969

=== Contractor Identification ===

Company Name:CIBA CORP FORMULATED MATERIALS GROUP DIV

Address:5121 SAN FERNANDO ROAD W

City:LOS ANGELES

State:CA

ZIP:90039-1011

Country:US

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

CAGE:FO969

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

P

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

CAGE:99384

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Composition/Information on Ingredients  
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Ingred Name:2-AMINOETHANOL, ETHANOLAMINE, MONOETHANOLAMINE  
CAS:141-43-5  
RTECS #:KJ5775000  
Other REC Limits:3 PPM  
OSHA PEL:3 PPM  
ACGIH TLV:7.5 MG/CUM

Ingred Name:DIETHYLENETRIAMINE, ETHYLENEDIAMINE, N-(2-AMINOETHYL);  
BIS(2-AMINOETHYL)AMINE  
CAS:111-40-0  
RTECS #:IE1225000  
Other REC Limits:4 MG/CUM  
ACGIH TLV:1 PPM (SKIN)

Ingred Name:BISPHENOL A, BISPHENOL; 2,2-BIS-4'-HYDROXYLP  
ROPAN \*96-1\*  
CAS:80-05-7  
RTECS #:SL6300000  
Fraction by Wt: 15%

Ingred Name:OLEIC ACID, TETRAETHYLENEPENTAMINE POLYMER  
CAS:70321-87-8

Ingred Name:ADDUCT OF ETHYLAMINE, SUBSTITUTED AMINE AND BISPHENOL A

Ingred Name:VOLATILE ORGANIC CONTENT: 150 GM/L  
RTECS #:9999999VO

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Hazards Identification  
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LD50 LC50 Mixture:ORAL LD50(RAT): >2,330 MG/KG (SUPP)

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

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

Health Hazards Acute and Chronic:INHALATION: SEVERE IRRITATION TO THE  
NOSE & THROAT. EYES: CORROSIVE, CAUSES PERMANENT, IRREVERSIBLE  
INJURY. SKIN: CORROSIVE, CAUSES BURNS. INGESTION: SUBSTANCE WILL  
CAUSE BURNING OF THE MOUTH, THROAT & ABDOMEN. PROLONGED/REPEATED  
EXPOSURE CAN CAUSE LIVER & KIDNEY DAMAGE. CAN CAUSE ALLERGIC  
REACTION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, BURNS, SWELLING

Medical Cond Aggravated by Exposure:ALLERGY, ECZEMA, EY

E/RESPIRATORY  
CONDITIONS.

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

First Aid:INHALATION: MOVE TO FRESH AIR. GIVE OXYGEN IF NEEDED. EYES:  
FLUSH W/PLENTY OF WATER FOR 15 MINS. SKIN: WASH W/SOAP & WATER.  
INGESTION: DILUTE W/2 GLASSES OF WATER TO DRINK. NEVER GIVE  
ANYTHING BY MOUTH IF UNCONSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL  
CASES.

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

Flash Point Method:PMCC

Flash Point:>210.2F

Extinguishing Media:FOAM, CO2, DRY CHEMICAL, WATER

Fire Fighting Procedures:WEAR BREATHING APPARATUS (MSHA/NIOSH-APPROVED,  
PRESSURE DEMAND, SELF CONTAINED & FULL PROTECTIVE GEAR. DON'T USE A  
SOLID STREAM OF WATER, IT CAN SPREAD FIRE.

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

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

Spill Release Procedures:EVACUATE AREA. WEAR FULL PROTECTIVE EQUIPMENT.  
DIKE & ABSORB W/INERT MATERIAL

AL. TRANSFER TO CONTAINERS SUITABLE FOR  
DISPOSAL. KEEP RUNOFFS OUT OF MUNICIPAL SEWERS & OPEN BODIES OF  
WATER. IF ON POROUS SURFACE, GROUND CONTAMINATION.

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

Handling and Storage Precautions:MAXIMUM STORAGE TEMP: 95F. STORE AWAY  
FROM EXCESSIVE HEAT, IGNITION SOURCES & REACTIVE MATERIALS. DON'T  
STORE NEAR FOOD/FEED.

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

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

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

Ventilation:MECHANICAL LOCAL EXHAUST AT POINT OF CONTAMINANT RELEASE.

Protective Gloves:IMPERVIOUS

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING, SAFETY SHOWER, EYEWASH  
FACILITY.

Supplemental

## Safety and Health

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

HCC:V5

Vapor Pres:1

Spec Gravity:0.98

Evaporation Rate & Reference:(BU ACETATE=1):