

GIBA-GEIGY CORPORATION, PLASTICS & ADDITIVES DIV -- RP 1257-3 HARDENER --
8030-00-891-3113

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

Product ID:RP 1257-3 HARDENER

MSDS Date:11/19/1985

FSC:8030

NIIN:00-891-3113

MSDS Number: BFTZR

=== Responsible Party ===

Company Name:GIBA-GEIGY CORPORATION, PLASTICS & ADDITIVES DIV

Address:THREE SKYLINE DRIVE

City:HAWTHORNE

State:NY

ZIP:10532

Info Phone Num:914 347 4700

Emergency Phone Num:800 334 9481

CAGE:MO169

=== Contractor Identification ===

Company Name:CIBA-GEIGY CORP ADDITIVES DIV.

Address:SEVEN SKYLINE DRIVE

Box:City:HAWTHORNE

State:NY

ZIP:10532-2119

Country:US

Phone:800-888-8372

CAGE:07566

Company Name:GIBA-GEIGY CORPORATION, PLASTICS & ADDITIVES DIV

Address:THREE SKYLINE DRIVE

Box:City:HAWTHORNE

State:NY

ZIP:10532

Phone:914 347 4700

CAGE:MO169

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

Ingred Name:4,4'-ISOPROPYLIDENEDIPHE

NOL (SARA III)
CAS:80-05-7
RTECS #:SL6300000
Fraction by Wt:
Other REC Limits:N/K

Ingred Name:SILICA, AMORPHOUS, DUST
CAS:112945-52-5
RTECS #:VV7310000
Fraction by Wt:
Other REC Limits:PEL:6 MG/CUM AS DUST
OSHA PEL:6 MG/M3
ACGIH TLV:10 MG/M3; 8990

Ingred Name:DIETHYLENE TRIAMINE
CAS:111-40-0
RTECS #:IE1225000
Fraction by Wt:
Other REC Limits:TLV:4.0 MG/CUM SKIN
OSHA PEL:1 PPM
ACGIH TLV:S, 1 PPM; 9192

Ingred Name:NONYL PHENOL
CAS:25154-52-3
RTECS #:SM5600000
Fraction by Wt:
Other REC Limits:
its:N/K
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)
CAS:1317-65-3
RTECS #:EV9580000
Fraction by Wt:
Other REC Limits:PEL:15 MG/CUM
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9192

Ingred Name:ALUMINUM HYDROXIDE (AS NUISANCE DUST OR PARTICULATES NOT OTHERWISE REGULATED)
CAS:10043-01-3
RTECS #:BD0940000
Fraction by Wt:
Other REC Limits:PEL:15 MG/CUM
OSHA PEL:15 MG/M3 TOTAL DUST
ACGIH TLV:10 MG/M3 TDUST;8990
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LB

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

LD50 LC50 Mixture:N/K

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

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

Health Hazards Acute and Chronic:SKIN IRRITATION:CORROSIVE. CAUSES BURNS. EYE IRRITATION:CORROSIVE. CAUSES BURNS. SENSITIZATION:POSSIBLE IN SUSCEPTIBLE INDIVIDUALS.

Explanation of Carcinogenicity:MATERIALS IN THIS PRODUCT ARE NOT CONSIDERED TO BE CARCINOGENS BY NTP, IARC, OR OSHA. (MFR).

Effects of Overexposure:DANGER CORROSIVE. CAUSES SKIN AND EYE BURNS. CAUSES ALLERGIC SKIN AND RESPIRATORY REACTIONS.

Medical Cond Aggravated by Exposure:SKIN AND EYE CONDITIONS.

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

First Aid:EYES:IMMED FLUSH EYES W/H*20 FOR AT LEAST 15 MIN. CALL MD. SKIN:WASH W/SOAP & H*20.RMV CONTAM CLTHG & LAUNDER BFR RE-USE. INGESTION:IF CONSCIOUS, GIVE PLENTY OF H*20 TO DRINK.DO NOT INDUCE VOMITING.CA LL MD. INHALATION:

REMOVE TO FRESH AIR.GIVE OXYGEN &/OR

ARTIFICIAL RESPIRATION, IF NEEDED.CALL MD. OTHER:REFERRAL TO MD IS RECOMMENDED IF THERE IS ANY QUESTION ABOUT THE SERIOUSNESS OF ANY INJURY.

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

Flash Point Method:PMCC

Flash Point:>200 F (>93 C)

Lower Limits:N/K

Upper Limits:N/K

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

Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Un

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

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

Spill Release Procedures:REMOVE SPILLAGE BY ABSORBING IN ABSORBENT MATERIAL. AVOID CONTACT.

Neutralizing Agent:N/K

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

Handling and Storage Precautions:DANGER CORROSIVE:CAUSES SKIN & EYE BURNS. MAY CAUSE ALLERGIC SKIN & RESPIRATORY REACTION. DO NOT GET IN EYES, ON SKIN

, ON CLOTHING.

Other Precautions:AVOID BREATHING VAPOR OR MIST. KEEP CONTAINER CLOSED.
USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.
NUISANCE DUST MAY BE GENERATED WHEN SANDING OR SAWING CURED
MATERIAL.

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

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR
EXPOSURE OF CONCERN . USE NIOSH APPROVED ORGANIC VAPOR CARTRIDGE
RESPIRATOR WHEN VAPOR/MIST EXPOSURE IS LIKELY.

Ventilat

ion:GENERAL MECHANICAL & LOCAL EXHAUST IN ACCORDANCE WITH ACGIH
RECOMMENDATIONS.

Protective Gloves:IMPERMEABLE GLOVES

Eye Protection:CHEM WORK GOGGLES,FACESHLD OPTIONAL FP N

Other Protective Equipment:PROTECTIVE CLOTHING

Work Hygienic Practices:N/K

Supplemental Safety and Health

VAP PRESS:AT 126F (52 C).PH: FP N.KEY1:N1.

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

HCC:V4

Boiling Pt:B.P. Text:N/K

Melt/Freeze Pt:M.P/F.P Text:N/K

Decomp Temp:Decomp Text:N/K

Vapor

Pres:1.12

Vapor Density:N/K

Spec Gravity:1.6 - 1.7

Evaporation Rate & Reference:N/K

Solubility in Water:SLIGHT

Appearance and Odor:BLUE PASTE WITH AMMONIACAL ODOR

Percent Volatiles by Volume: