

CIBA SPECIALTY CHEMICALS CORP, N. A. / PERFORMANCE POLYMERS -- EPOCAST 1652 A --  
8030-00-142-9738

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

Product ID:EPOCAST 1652 A

MSDS Date:12/09/1995

FSC:8030

NIIN:00-142-9738

Status Code:A

Kit Part:Y

MSDS Number: CKTMB

=== Responsible Party ===

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

Address:5121 SAN FERNANDO RD WEST

City:LOS ANG

ELES

State:CA

ZIP:90039-1011

Country:US

Info Phone Num:818-247-6210

Emergency Phone Num:1-800-888-8372

Preparer's Name:RAJESH S. PATEL

CAGE:99384

=== Contractor Identification ===

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

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

Ingred Name:REACTION PRODUCTS OF EPICHL

OROHYDRIN AND BISPHENOL A

CAS:1675-54-3

RTECS #:TX3800000

Ingred Name:PHENOL-FORMALDEHYDE POLYMER, GLYCIDYL ETHER.

CAS:28064-14-4

Ingred Name:SODALIME BOROSILICATE GLASS

CAS:65997-17-3

Other REC Limits:10MG/M3

OSHA PEL:10MG/M3M

ACGIH TLV:10MG/M3

Ingred Name:CALCIUM SILICATE

CAS:1344-95-2

RTECS #:VV9150000

Other REC Limits:10MG/M3 FPC

OSHA PEL:10MG/M3

ACGIH TLV:15MG/M3

Ingred Name:MICA

CAS:12001-26-2

RTECS #:VV8760000

Other REC Limits:3 MG/M3 FPC

OSHA PEL:3MG/M3M

ACGIH TLV:3 MG/M3

ACGIH STEL:

M

Ingred Name:CASTOR OIL, HYDROGENATED

CAS:8001-78-3

RTECS #:FI4130000

Ingred Name:SILICA, CRISTOBALITE

CAS:14464-46-1

RTECS #:VV7325000

Other REC Limits:0.05 MG/M3 FPC

OSHA PEL:0.05MG/M3

ACGIH TLV:0.05 MG/M3

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

Health Hazards Acute and Chronic:INHALATION: VAPOR OR MISTS MAY  
POSSIBLY BE HARMFUL IF INHALED. EYE CONTACT: MODERATELY  
IRRITATING TO EYES. SKIN: SLIGHTLY IRRITATING TO SKIN. INGESTION:  
POSSIBLY BE HARM

FUL IF SWALLOWED. DELAYED EFFECTS: PROLONGED OR REPEATED EXPOSURE CAN CAUSE ALLERGIC REACTION. ALSO, REPEATED OVEREXPOSURE OF DUST MAY CAUSE DELAYED AND SERIOUS INJURY. THIS PRODUCT CONTAINS CRYSTALLINE SILICA WHICH IS SUSPECTED OF CANCER HAZARD BY IARC.

Medical Condition Aggravated by Exposure: ALLERGY, ECZEMA OR SKIN CONDITIONS.

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

First Aid: INHALATION: MOVE SUBJECT TO FRESH AIR. EYE AND SKIN CONTACT: FLUSH E

YES WITH A LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES.

GET PROMPT MEDICAL ATTENTION. WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE AND WASH CLOTHING BEFORE REUSE. INGESTION: IF SWALLOWED 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: =143.C, 289.4F

143C PMCC

Extinguishing Media: CO<sub>2</sub>, DRY CHEMICAL, FOAM, WATER SPRAY.

Fire Fighting Procedures: WEAR BREATHING APPARATUS (MSHA/NIOSH-APPROVED, PRESSURE DEMAND, SELF-CONTAINED OR EQUIVALENT.) AND FULL PROTECTIVE GEAR.

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

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

Spill Release Procedures: CLEAN UP ALL TRACES OF SPILL. SHOVEL AS MUCH OF MATERIAL AS POSSIBLE INTO CLEAN, DRY CONTAINERS. ON HARD SURFACE USE ABSORBENT MATERIAL TO PICK UP REMAINDER; ON LOOSE SURFACES SHOVEL UP CONTAMINATED LAYER.

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

Handling and Storage Precautions: STORAGE TEMPERATURE: 35° C (95°F) STORE INDOORS IN A COOL, DRY AREA WITH ADEQUATE VENTILATION.

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

Respiratory Protection: NONE REQUIRED IF VENTILATION IS GOOD.

Ventilation: NORMAL ROOM VENTILATION.

Protective Gloves: IMPERVIOUS GLOVES.

Eye Protection

ction:SAFETY GLASSES (ANSI Z-87.1)

Other Protective Equipment:SAFETY SHOWER AND EYEWASH FACILITY.

Supplemental Safety and Health

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

Vapor Pres:< 1MM/HG @ 20' C

Vapor Density:>1 AIR=1

Volatile Org Content %:1

Spec Gravity:0.70 (WATER = 1)

Evaporation Rate & Reference:< 1 (BUTYL ACETATE = 1)

Solubility in Water:NEGLIGIBLE.

Appearance and Odor:WHITE PASTE/NO ODOR

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

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Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS, ACIDS.

Stability Condition to Avoid:ELEVATED TEMPERATURES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,

===== Toxicological Information =====

Toxicological Information:IRRITATION: EYES: MODERATE; SKIN: SLIGHT  
REACTION PRODUCTS OF EPICHLOROXYDRIN AND BISPHENOL A: LD50:

20,000MG/KG (ORAL,RABBITS) LD50: >4,000MG/KG (DERMAL,RATS)

PHENOL-FORMALDEHYDE POLYMER, GLYC

IDYL ETHER: LD50: >5000MG/KG

(ORAL, RAT) LD50: >4000MG/KG (DERMAL,RAT)

>10,000MG/KG (DERMAL,MOUSE) CRYSTALLINE SILICA:

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

Waste Disposal Methods:INCINERATE IN APPROVED EQUIPMENT. INCINERATE OR  
LANDFILL CONTAMINATED DIKING MATERIAL IN ACCORDANCE WITH LOCAL,  
STATE AND FEDERAL REGULATIONS.

===== Regulatory Information =====

State Regulatory Information:PENNSYLVANIA RIG

HT TO KNOW ACT: THE  
FOLLOWING IS  
REQUIRED COMPOSITION INFORMATION. THIS PRODUCT  
CONTAINS: 1) REACTION PRODUCTS OF EPICHLOROHYDRIN  
AND BISPHENOL A 2) PHENOL-FORMALDEHYDE POLYMER,  
GLYCIDYL ETHER 3) SODALIME BOROSILICATE GLASS 4)  
CALCIUM SILICATE 5) MICA 6) SILICA, CRISTOBALITE 7)  
CASTOR OIL, HYDROGENATED. CALIFORNIA RIGHT TO KNOW  
ACT (PROP 65): WARNING! THIS PRODUCT CONTAINS  
CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO  
CAUSE CANCER. 1) CRYSTALLINE SILICA 2) GLASS WOOL  
FIBER

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===== Other Information =====

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