

CIBA-GEIGY CORPORATION/FURANE PRODUCTS -- EPOCAST 1843 A TY-4 GRADE-A FPCF2186 --  
8030-00-469-5736

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

Product ID:EPOCAST 1843 A TY-4 GRADE-A FPCF2186

MSDS Date:10/27/1989

FSC:8030

NIIN:00-469-5736

MSDS Number: BDZNY

=== Responsible Party ===

Company Name:CIBA-GEIGY CORPORATION/FURANE PRODUCTS

Address:5121 SAN FERNANDO ROAD WEST

City:LOS ANGELES

State:CA

ZIP:90039

Info Phone Num:(818) 247-6210

Emergency Phone Num:(818) 247-6210

P

reparer's Name:RAJEST 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

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

Ingred Name:PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER

CAS:28064-14-4

Fraction by Wt: 50%

Ingred Name:VINYL CYCLOHEXENE DIOXIDE

CAS:106

-87-6

RTECS #:RN8640000

Fraction by Wt: 20%

OSHA PEL:S, 10 PPM

ACGIH TLV:S, 10 PPM ;A2; 9192

Ingred Name:CALCIUM CARBONATE (MARBLE) (LIMESTONE)

CAS:1317-65-3

RTECS #:EV9580000

Fraction by Wt: 10%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9192

Ingred Name:PHENOLIC RESIN, PHENOL FORMALDEHYDE RESIN

CAS:9003-35-4

Fraction by Wt: 10%

Ingred Name:GLASS, FIBROUS

RTECS #:LK3651000

Fraction by Wt: 10%

ification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION: IRRITATION THE

NOSE/THROAT, & TOXIC. EYE: PERSISTENT IRRITATION, POSSIBLY  
PERMANENT INJURY. SKIN: IRRITATION, HARMFUL, ALLERGIC REACTION, &  
SENSITIZER. INGESTION: NAUSEA, VOMITING, & ABDOMINAL PAIN.

Explanation of Carcinogenicity:VINYL CYCLOHEXENE DIOXIDE WHICH IS  
SUSPECTED HUMAN CANCER HAZARD  
BY ACGIH.

Effects of Overexposure:INHALATION: PROLONGED/REPEATED EXPOSURE OF  
LIQUID OR BREATHING OF VAPORS OR MISTS MAY CAUSE DELAYED & SERIOUS  
INJURY.

Medical Cond Aggravated by Exposure:ALLERGIC DERMATITIS, RESPIRATORY  
RESPONSE

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

First Aid:EYES: FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.  
SKIN: WASH THOROUGHLY W/SOAP & WATER. INGESTION: DILUTE BY GIVING 2  
GLASSES OF WATER TO DRINK. NEVER GIVE  
ANYTHING BY MOUTH TO AN  
UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Flash Point Method:PMCC

Flash Point:>110F

Extinguishing Media:FOAM, CO2, DRY CHEMICAL, WATER SPRAY

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

Unusual Fire/Explosion Hazard:HEATED SEALED CONTAINERS CAN EXPLODE  
DECOMPOSITION & COMBUSTION MAY PRODUCE TOXIC PRODUCTS.

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

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

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

Handling and Storage Precautions:STO

RE AWAY FROM EXCESSIVE HEAT,  
STEAMPIPES, RADIATORS, FROM SOURCES OF IGNITIONS, & FROM REACTIVE  
MATERIALS. AVOID CONTACT W/SKIN, & BREATHING VAPORS.

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

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

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

Protective Gloves:IMPERVIOUS, RUBBER

Eye Protection:C

HEMICAL SPLASH GOGGLES

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

Work Hygienic Practices:REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE.  
WASH AFTER HANDLING & SHOWER AT END OF WORK PERIOD.

Supplemental Safety and Health

WARNING: THIS PRODUCT MAY CONTAIN A CHEMICAL WHICH IS KNOWN TO STATE OF  
CALIFORNIA TO CAUSE CANCER.

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

HCC:F4

Vapor Pres:1

Spec Gravity:0.80

Evaporation Rate &am

p; Reference:(BU AC = 1):