

EMERSON & CUMING, INC. A GRACE CO. -- ECCOBOND 45 CLEAR -- 8040-00-148-7183

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

Product ID:ECCOBOND 45 CLEAR

MSDS Date:06/27/1988

FSC:8040

NIIN:00-148-7183

Kit Part:Y

MSDS Number: BJXGQ

=== Responsible Party ===

Company Name:EMERSON & CUMING, INC. A GRACE CO.

Address:77 DRAGON COURT

City:WOBURN

State:MA

ZIP:01888

Country:US

Info Phone Num:617-935-4850 OR 617-938-8630

Emergency Phone Num:617-935-4850 OR 617-938-8630

CAGE:DO244

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Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:EMERSON & CUMING INC DIV/W R GRACE CO

Address:117 DRAGON COURT

City:AUOBURN

State:MA

ZIP:01888

Phone:(617) 935-4850 OR (617) 938-8630

CAGE:DO244

Company Name:GRACE W R & CO EMERSON & CUMING DEWEY & ALMY CHEM

Address:869 WASHINGTON ST

City:CANTON

State:MA

ZIP:02021-2513

Country:US

Phone:617-935-48

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

Ingred Name:EPOXY RESIN
Fraction by Wt: > 99.9%
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Health Hazards Acute and Chronic:THE EPOXY RESIN IN THIS PRODUCT HAS
BEEN SHOWN TO BE MUTAGENIC IN SOME MICROBIAL TESTS, BUT HAS FAILED
TO SHOW MUTAGENICITY IN OTHERS. CHROMOSOMAL ABERRATIONS WERE
O
BSERVED IN CULTURED RAT LIVER CELLS .
Effects of Overexposure:INHALATION: AT ELEVATED TEMPS MAY CAUSE
IRRITATION. EYE CONTACT: MODERATELY IRRITATING UPON DIRECT CONTACT.
SKIN CONTACT: MODERATELY IRRITATING UPON DIRECT CONTACT. PROLONGED
EXPOSURE MAY RESULT IN SK IN SENSITIZATION. INGESTION:HARMFUL IF
SWALLOWED.

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

First Aid:INHALATION:REMOVE TO FRESH AIR.GIVE OXYGEN IF BREATHING IS
DIFFICULT,ARTIFICIAL RESPIR
ATION IF NOT BREATHING.GET IMMED MED
ATTN.EYE CONTACT:IMMED FLUSH WITH PLENTY OF WATER FOR 15 MIN.GET
MED ATTN.SKI N CONTACT:WASH AFFECTED AREA WITH SOAP AND WATER.GET
MED ATTN IF IRRITATION PERSISTS.INGESTION:DILUTE WITH LARGE
QUANTITIES OF WATER.DO NOT INDUCE VOMITING.GET IMMEDIATE MEDICAL
ATTENTION.

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

Flash Point Method:PMCC
Flash Point:390F,199C
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WAT
ER FOG.
Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED
BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:TOXIC VAPORS MAY BE EVOLVED UPON EXPOSURE
TO HEAT OR OPEN FLAME.

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

Spill Release Procedures:WIPE UP/ABSORB W/VERMICULITE/OTHER ABSORBENT
MAT'L.COLLECT WASTE IN SEALED CONTAINERS.SCRUB AREA WITH SOAPY
WATER & RINSE.PREVENT FROM ENTERING DRAINS/WATERWAYS.SHOVEL/PUMP TO
DRUM/SALVAGE TANK.SP

ILLEGAL MATERIAL IS CLASSIFIED AS CHEMICAL WASTE. DISPOSE
PER REGULATIONS.

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

Handling and Storage Precautions: STORE IN COOL, DRY PLACE. KEEP REMOVED
FROM ANY HEAT OR OPEN FLAME. KEEP CONTAINER CLOSED WHEN NOT IN USE.
Other Precautions: FLAMMABILITY/EXPLOSION PRECAUTIONS: KEEP AWAY FROM
INTENSE HEAT, OPEN FLAMES.

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

Respiratory Protection: WEAR APPROPRIATE PROPERLY FITTED RESPIRATOR WHEN
CONTAMINANT LEVELS EXCEED THE RECOMMENDED EXPOSURE LIMITS.
Ventilation: PREVENT BREATHING OF VAPORS, MIST OR SPRAY. USE ONLY WITH
PROPER MECHANICAL EXHAUST VENTILATION.
Protective Gloves: WEAR PROPER PROTECTIVE GLOVES
Eye Protection: WEAR PROTECTIVE GOGGLES.
Other Protective Equipment: WEAR PROTECTIVE CLOTHING TO PREVENT
EXPOSURE.
Work Hygienic Practices: REMOVE CONTAMINATED CLOTHING AND WASH BEFORE
REUSING. DO NOT INGEST OR SWALLOW THIS MATERIAL.
Supplemental Safety and Health
*REACTION WITH CURING AGENTS IS EXOTHERMIC; SMOKE OR TOXIC FUMES MAY BE
EVOLVED IF HEAT OF REACTION BECOMES EXCESSIVE DUE TO HIGH CURING
TEMPERATURE OR CURING OF LARGE MASSES OF MATERIAL.

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

Vapor Pressure: < 1 MM HG
Specific Gravity: 1.20
Solubility in Water: NEGLIGIBLE
Appearance and Odor: COLORLESS TO SLIGHTLY YELLOW LIQUID
Percent Volatiles by Volume: < 1%

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

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Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZERS, AMINES, STRONG LEWIS OR MINERAL
ACIDS, THIOSULFATES, CARBOXYLIC ACIDS, ALCOHOL, MERCAPTANS.*
Stability Condition to Avoid: STORAGE IN OPEN CONTAINERS, EXPOSURE TO
HEAT/OPEN FLAME, UNCONTROLLED MIXING WITH (OR EXPOSURE
TO) INCOMPATIBLE SUBSTANCES.
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
OXIDES OF NITROGEN.

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

Waste Disposal Methods: CLA

CLASSIFIED AS CHEMICAL WASTE AND MUST BE
DISPOSED OF IN ACCORDANCE WITH CURRENT LOCAL, STATE AND FEDERAL
REGULATIONS.

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