

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

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Product Identification
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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 617-938-863

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

CAGE:DO244

=== 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 S

T
City:CANTON
State:MA
ZIP:02021-2513
Country:US
Phone:617-935-4850
CAGE:04552

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Composition/Information on Ingredients
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Ingred Name:EPOXY RESIN
Fraction by Wt: > 99.9%
Other REC Limits:NONE SPECIFIED

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Hazards Identification
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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
T
O SHOW MUTAGENICITY IN OTHERS. CHROMOSOMAL ABERRATIONS WERE
OBSERVED 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.

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First Aid Measures
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First Aid:INHALATION:REMOVE TO FRES
H AIR.GIVE OXYGEN IF BREATHING IS
DIFFICULT,ARTIFICIAL RESPIRATION 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.

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Fire Fighting Measures
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Flash Point Method:PMCC
Flash Point:390F

,199C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER 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.SPILLE D MAT'L IS CLASSED AS CHEM WASTE.DISPOSE PER REGS.

===== 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 =====

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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 Pres:< 1 MM HG

Spec Gravity:1.20

Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS TO SLIGHTLY YELLOW LIQUID

Percent Volatiles by Volume:< 1%

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

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

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