

EMERSON CUMING INC. SUB OF W R GRACE AND CO. -- ECCOBOND 26,PART A --
8040-00-191-7454

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

Product ID:ECCOBOND 26,PART A

MSDS Date:03/30/1993

FSC:8040

NIIN:00-191-7454

Kit Part:Y

MSDS Number: BXJTC

=== Responsible Party ===

Company Name:EMERSON CUMING INC. SUB OF W R GRACE AND CO.

Address:77 DRAGON COURT

City:WOBURN

State:MA

ZIP:01888

Country:US

Info Phone Num:617-82

8-3300

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

Preparer's Name:DAVID HAAS

CAGE:0B562

=== Contractor Identification ===

Company Name:EMERSON & CUMING

Address:55 HAYDEN AVE

Box:City:LEXINGTON

State:MA

ZIP:02173

Country:US

Phone:617-861-6600

CAGE:0B562

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:617-935-4850

CAGE:04552

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

Ingred

Name:PIGMENTS - TOTAL PERCENTAGE OF INGREDIENTS 1 AND 2 IS < 2.

Fraction by Wt: SEE ING

Other REC Limits:NONE RECOMMENDED

Ingred Name:MODIFIER

Fraction by Wt: SEE # 1%

Other REC Limits:NONE RECOMMENDED

Ingred Name:EPOXY RESIN

Fraction by Wt: 40 - 50%

Other REC Limits:NONE RECOMMENDED

Ingred Name:MICA - SILICATES (< 1% CRYSTALLINE SILICA)

CAS:12001-26-2

RTECS #:VV8760000

Fraction by Wt: 30 - 40%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:20 MPPCF; Z-3

ACGIH TLV:3 MG/M3 RDUST; 9495

Ingred Name

:TRIPHENYL PHOSPHATE

CAS:115-86-6

RTECS #:TC8400000

Fraction by Wt: 10 - 15%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:3 MG/M3

ACGIH TLV:3 MG/M3; 9495

Ingred Name:GLASS MICROBALLONS

Fraction by Wt: 2 - 5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:AMORPHOUS SILICA

Fraction by Wt: 1 - 2%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:6 MG/M3

ACGIH TLV:10 MG/M3

==== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of Entry:

Inhalation:NO Skin:NO Ingestion:NO

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS. ACUTE- MAY CAUSE EYE IRRITATION. MAY CAUSE MODERATE SKIN IRRITATION. PROLONGED CONTACT MAY CAUSE DEFATTING, DERMATITIS, SENSITIZATION. HARMFUL IF SWALLOWED. HEATING GENERATES VAPORS THAT CAN IRRITATE RESPIRATORY TRACT. CHRONIC- DERMATITIS.

Explanation of Carcinogenicity:CONTAINS CRYSTALLINE SILICA.

Effects

of Overexposure:IRRITATION, SKIN SENSITIZATION, BLURRED VISION, BURNING SENSATION, TEARING, DRYING OF SKIN, DEFATTING, DERMATITIS, NAUSEA, HEADACHE, RASHES

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN:WASH WITH SOAP & WATER. ORAL:IF CONSCIOUS, DRINK PLENTY OF WATER. GET MEDICAL ATTENTION IMMEDIATELY.

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

Flash Point:>200F,>93C

Extinguishing Media:WATER FOG, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:WEAR PRO

TECTIVE CLOTHING AND NIOSH-APPROVED

SELF-CONTAINED BREATHING APPARATUS. TOXIC GASES MAY BE PRESENT.

Unusual Fire/Explosion Hazard:CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:VENTILATE AREA. AVOID SKIN CONTACT. ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL. PLACE IN A CONTAINER FOR CHEMICAL WASTE. WASH AREA WITH SOAPY WATER TO REMOVE RESIDUE. COLLECT WATER RINSES I

ELEVENT

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE PASTE

Percent Volatiles by Volume:NEGLIG

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES, AMINES,
ANHYDRIDES, MERCAPTANS, IMIDAZOLES

Stability Condition to Avoid:STORAGE IN OPEN CONTAINERS, OPEN FLAME,
UNCONTROLLED EXPOSURE TO HEAT, UNCONTROLLED MIXING WITH CURING
AGENT

Hazardous Decomposition Products:CAR

BON MONOXIDE, CARBON DIOXIDE,
ALDEHYDES, ACIDS AND OTHER ORGANIC SUBSTANCES

Conditions to Avoid Polymerization:UNCONTROLLED MIXING WITH AMINES,
ANHYDRIDES, MERCAPTANS, IMIDAZOLES

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE
AND FEDERAL REGULATIONS.

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