

EMERSON & CUMING INC -- ECCOBOND 83C-1 -- 8040-01-241-7392

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

Product ID:ECCOBOND 83C-1

MSDS Date:12/30/1986

FSC:8040

NIIN:01-241-7392

MSDS Number: BNTRP

=== Responsible Party ===

Company Name:EMERSON & CUMING INC

Address:869 WASHINGTON ST

City:CANTON

State:MA

ZIP:02021-2513

Country:US

Info Phone Num:517-935-4850; 800-225-9936

Emergency Phone Num:517-935-4850

CAGE:

DO244

=== Contractor Identification ===

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:617-935-4850

CAGE:04552

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

Ingred Name:SILVER (SARA III)

CAS:7440-22-4

RTECS #:VW3500000

Fr

action by Wt: 60-80%
OSHA PEL:0.01 MG/M3
ACGIH TLV:0.1 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:FURFURYL ALCOHOL. FL PT:162F.
CAS:98-00-0
RTECS #:LU9100000
Fraction by Wt: 2-5%
Other REC Limits:50 PPM (MFR)
OSHA PEL:S, 50 PPM/15 STEL
ACGIH TLV:S,10 PPM/15STEL;9293

Ingred Name:BISPHENOL A AND EPICHLOROHYDRIN RESIN; (BISPHENOL
A/EPICHLOROHYDRIN-BASED EPOXY RESIN (NON-HAZARDOUS CURING AGENT))

Fraction by Wt: 170F,>77C

Extinguishing Media:CO*2, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fi

ighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:TREAT AS COMBUSTIBLE MATERIAL. TOXIC
FUMES MAY BE EVOLVED UPON EXPOSURE TO HEAT OR OPEN FLAME. KEEP AWAY
FROM HEAT, SPARKS & OPEN FLAME.

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

Spill Release Procedures:SM SPILLS:WIPE UP/ABSORB W/VERMICULITE/OTHER
ABSORB MATL. IF ACETONE/OTHER SIM SOLVS USED, USE W/ADEQ VENT &
FIRE PRECS. COLLECT WASTE IN SE

ALED CNTNRS. WASH AREA W/SOAPY WATER
& RINSE. WASTES/SPILLED MATL MAY BE SENT TO LICENSED
RECLAMATION(SUPDAT)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:AVOID SKIN & EYE CONTACT. STORE IN
COOL, DRY PLACE; KEEP REMOVED FROM ANY HEAT/OPEN FLAME. KEEP CNTNR
CLSD WHEN NOT IN USE.

Other Precautions:KEEP FROZEN UNTIL READY FOR USE. ALLOW MATL TO THAW
TO ROOM TEMP PRIOR T

O USE.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:USE W/GOOD LOC VENT. FLEXIBLE DUCTWORK SHOULD EXTEND TO AREAS OF HIGH CONC TO PREVENT LOCAL BUILDUP OF VAPOR.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:WEAR PROTECTIVE CLOTHING IF DIRECT CONTACT LIKELY.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

% VOLAT:NEGLIG (WT). CNDTNS (STAB):PRIOR TO USE. MATLS TO AVOID:MERCAPTANS, ANHYDRIDES. IN RXN W/MANY CURING AGENTS, CONSIDERABLE HEAT MAY BE EVOLVED, POSS LEADING TO EVOLUTION OF SMOKE &/OR TOX FUMES . SPILL PROC:FACILITY. LG SPILLS:TURN ON ALL VENT EQUIP IN AREA TO EVACUATE FUMES. DIKE AREA TO PVNT SPREADING. (ING 4)

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

Boiling Pt:B.P. Text:>350F,>177C

Vap

or Pres: