

EMERSON & CUMING INC./DEWEY & ALMY CHEM DIV/W.R.GR -- ECCOBOND SOLDER 56C --
8040-00-061-8303

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

Product ID:ECCOBOND SOLDER 56C

MSDS Date:01/23/1985

FSC:8040

NIIN:00-061-8303

Kit Part:Y

MSDS Number: BCWSQ

=== Responsible Party ===

Company Name:EMERSON & CUMING INC./DEWEY & ALMY CHEM DIV/W.R.GR

Address:869 WASHINGTON STREET

City:CANTON

State:MA

ZIP:02021

Country:US

Emergency Phone Num:617-828-3300

CAGE:DO244

=== Contractor Identification ===

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

Address:117 DRAGON COURT

City:AUTOBURN

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

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

Ingred Name:SILVER POWDER

C

AS:7440-22-4
RTECS #:VW3500001
Fraction by Wt: >67%
OSHA PEL:0.01 MG/CUM
ACGIH TLV:0.1 MG/CUM
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:EPICHLOROHYDRIN (SARA III)
CAS:106-89-8
RTECS #:TX4900000
Fraction by Wt: < 2% PPM
Other REC Limits:2 PPM
OSHA PEL:S, 5 PPM
ACGIH TLV:S, 2 PPM; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:BISPHENOL A/EPICHLOROHYDRIN-BASED EPOXY RESIN (LISTED AS
NON-HAZARDOUS INGREDIENTS ON MFR'S MSDS)
Fraction by Wt: 400F/>204.4C
Extinguishing Media:CARBO
N DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG!
Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR SELF-CONTAINED
BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:TOXIC FUMES MAY BE EVOLVED UPON EXPOSURE
TO HEAT OR OPEN FLAME.

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

Spill Release Procedures:SM SPILL: WIPE UP/ABSORB W/VERMICULITE OR
OTHER INERT MATERIAL. IF FLAMM SOLVENTS LIKE ACETONE USED, USE
W/ADEQUATE VENTIL & OBSERVE FIRE PRECAUTIONS. COLLECT WASTE IN
SEALED CONTAINERS. WASH AREA W/ SPRAY WATER & RINSE!; LARGE
SPILL:DIKE,COLLECT.

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE. KEEP REMOVED
FROM ANY HEAT OR OPEN FLAME!

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

Respiratory Protection:NO SPECIAL REQUIREMENTS UNDER NORMAL CONDITIONS
OF USE. MATERIAL SHOULD,HOWEVER, BE USED W/ADEQUATE VENTILATION.
Ventilation:GOOD GEN WORK

PLACE VENTIL. RECCMD; USE FLEXIBLE DUCTWORK IN
HI-VAPOR CONC AREAS TO PREVENT LOCAL VAPOR BUILD-UP.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES/SAFETY GLASSES

Other Protective Equipment:AS REQUIRED FOR TASK AT HAND TO
PREVENT/MINIMIZE REPEATED/PROLONGED EXPOSURE.

Work Hygienic Practices:AVOID SKIN & EYE CONTACT. WEAR GLOVES &
PROTECTIVE CLOTHING IF DIRECT CONTACT LIKELY. AVOID BREATHING
VAPORS-ADEQ VENTL

Supplemental Safety and Health

MATERIAL IS PART "A" OF A

KIT,WHERE ANY OF THREE CATALYSTS MAY BE USED
AS CURING AGENTS(PART NO. IND. "B, C, OR D").

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

HCC:N1

Vapor Pres:< 1MM

Vapor Density:> 1.

Spec Gravity:3.65

Solubility in Water:NEGLIGIBLE

Appearance and Odor:SILVER LOOKING PASTE

Percent Volatiles by Volume:NEGL

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS,AMINES,AMIDES, STRONG LEWIS OR MINERA

L

ACIDS,THIOSULFATES,CARBOXYLIC ACIDS,ALCOHOLS, MERCAPTANS!

Stability Condition to Avoid:STORAGE IN OPEN CONTAINERS; EXPOSURE TO
HEAT AND/OR OPEN FLAME, EXPOSURE TO INCOMPATIBLE SUBSTANCES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE.

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

Waste Disposal Methods:WASTED OR SPILLED MATERIAL MAY BE SENT TO
LICENSED RECLAMATION FACILITY. EPA HAZ. WASTE NO: NOT
DETERMERINED.

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ith this information by the compiling agencies):

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