

EMERSON & CUMING -- ECCOBOUND SOLDER 70C, PART A -- 8040-01-231-2399

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

Product ID:ECCOBOUND SOLDER 70C, PART A

MSDS Date:08/05/1996

FSC:8040

NIIN:01-231-2399

Status Code:A

MSDS Number: CLQRF

=== Responsible Party ===

Company Name:EMERSON & CUMING

Address:55 HAYDEN AVE

City:LEXINGTON

State:MA

ZIP:02173

Country:US

Info Phone Num:617-861-6600

Emergency Phone Num:1-80

0-424-9300

Preparer's Name:ERNEST CARTER

Chemtrek Ind/Phone:(800)424-9300

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

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

Ingred Name:SILVER

Minumum % Wt:85.

Maxumum % Wt:95.

OSHA PEL:0.01 MG/M3

ACGIH TLV:.1 MG/M3

Ingred Name:EPOXY RESIN

Minumum % Wt:5.

Maxumum % Wt:15.

=====
Hazar

ds Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:EYE CONTACT: SYMPTOMS MAY INCLUDE BLURRED VISION, BURNING SENSATION AND TEARING. SKIN CONTACT: THIS PRODUCT MAY CAUSE SKIN SENSITIZATION/ALLERGIC SKIN REACTIONS, DEFATTING, RASH, ITCHING, HIVES, SWELL ING, WHICH MAY BE SEVERE IN CERTAIN INDIVIDUALS. INHALATION: MAY CAUSE RESPIRATORY IRRITATION, NAUSEA AND HEADACHES. INGESTION: HARMFUL IF SWALLOWE

D.

Effects of Overexposure:SKIN AND EYE CONTACT, INHALATION OF VAPORS.

Medical Cond Aggravated by Exposure:EXPOSURE MAY AGGRAVATE PREEXISTING SKIN/OR EYE DISORDERS.

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

First Aid:EYE CONTACT: FLUSH EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.SKIN CONTACT: FLUSH THE AFFECTED AREA OF THE SKIN THOROUGHLY WITH PLENTY OF WATE R.GET MEDICAL ATTENTION. INHALATION: REMOVE VICTIM TO FRESH AIR. PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.INGESTION: IF VICTIM IS C ONSCIOUS AND ALERT, DILUTE BY GIVING WATER TO DRINK. GET MEDICAL ATTENTION. DO NOT INDUCE VOMITING!

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

Flash Point:=93.3C, 200.F

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures:FIREFIGHTERS/ RESCUE PERSON

NEL SHOULD WEAR

POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. COOL EXPOSED CONTAINERS WITH WATER TO PREVENT PRESSURE BUILD UP. IF LARGE QUANTITIES OF NATERIAL ARE INVOLVED, EVACUATE AREA AND FIGHT FIRE FROM A SAFE DISTANCE.

Unusual Fire/Explosion Hazard:DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC. CLOSED CONTAINERS MAY VIOLENTLY RUPTURE UNDER FIRE CONDITIONS.

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

Spill Release Procedures:SMALL SPILLS: ACTIVATE AVAILABLE EXHAUST VENTILATION EQUIPMENT IN THE IMMEDIATE SPILL AREA. WIPE UP OR ABSORB SPILLED MATERIAL WITH VERMICULITE OR OTHER SIMILAR MATERIAL. LARGE SPILLS: LIMIT ACCESS TO THE IMMEDIATE SPILL AREA. SHUT OFF SOURCE OF THE RELEASE IF THIS CAN BE DONE WITHOUT RISK OF INJURY. ACTIVATE AVAILABLE. APPLY ABSORBENT MATERIAL TO SOAK UP RESIDUE. WASH AREA WITH SOAPY WATER.

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

Handling and Storage Precautions:SPECIFIC SAFE HANDLING PROCEDURES SHOULD BE DEVELOPED BY A PERSON KNOWLEDGEABLE IN THE INTENDED USAGE CONDITIONS AND EQUIPMENT.STORE IN A COOL, DRY LOCATION WITH ADEQUATE VENTILATION. KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN USE. KEEP AWAY FROM OPEN FLAMES AND HEAT SOURCES.

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

Ventilation:PROVIDE EFFECTIVE MECHANICAL EXHAUST VENTILATION.

Protective Gloves:WEAR APPROPRIATE PROTECTIVE GLOVES.

Eye Protection:USE OF CHEMICAL SAFETY GLASSES, SPLASH-PROOF CHEMICAL GOGGLES, OR FACE SHIELD.

Work Hygienic Practices:WASH HANDS AND FACE THOROUGHLY AFTER HANDLING THIS PRODUCT AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

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

Boiling Pt:>204.4C, 400.F

Vapor Pres:NEGLIGIBLE

Spec Gravity:3.6-3.9

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVER PASTE

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, ACIDS, BASES. AMINES, ANHYDRIDES, MERCAPTANS, IMIDAZOLES.

Stability Condition to Avoid:AVOID STORAGE IN OPEN CONTAINERS, EXPOSURE TO OPEN FLAME OR UNCONTROLLED EXPOSURE TO HEAT, UNCONTROLLED MIXING WITH CURING AGENTS OR EXPOSURE TO INCOMPATIBLE SUBSTANCES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, ALDEHYDES, SILVER COMPOUNDS, ACIDS AND OTH

ERORGANIC SUBSTANCES.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.