

EMERSON CUMING INC, SUB OF W R GRACE AND CO -- ECCOBOND SOLDER 57C, PART B --
8040-00-738-1780

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

Product ID:ECCOBOND SOLDER 57C, PART B

MSDS Date:07/19/1990

FSC:8040

NIIN:00-738-1780

Kit Part:Y

MSDS Number: BRQDS

=== Responsible Party ===

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

Address:77 DRAGON CT

City:WOBURN

State:MA

ZIP:01810

Country:US

Info Ph

one Num:617-935-4850

Emergency Phone Num:617-935-4850

Preparer's Name:DAVID HAAS

CAGE:0B514

=== Contractor Identification ===

Company Name:EMERSON CUMING INC

Address:77 DRAGON CT

Box:City:WOBURN

State:MA

ZIP:01888

Country:US

Phone:617-828-3300

CAGE:0B514

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 N

ame:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

=====
===== Hazards Identification =====
=====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE-CONTAINS MATERIALS CORROSIVE TO
THE EYES. SKIN-CONTAINS MATERIAL CORROSIVE TO THE SKIN.
INHALATION-MAY CAUSE RESPIRATORY SENSITIZATION RESPONSES IN
SUSCEOTIBLE INDIVIDUALS. INGESTION-HARMFUL IF S WALLOWED. MAY CAUSE

BURNS TO THE MOUTH & UPPER GASTROINTESTINAL TRACT.

Explanation of Carcinogenicity:CONTAINS NO CARCINOGENS.

Effects of Overexposure:EYE-MAY CAUSE BURNS & POSSIBLE CORNEAL INJURY.
PERMANENT IMPAIRMENT OF VISION OR BLINDNESS MAY OCCUR. SKIN-MAY
CAUSE SEVERE BURNS AND BLISTERING. INHALATION-VAPORS MAY CAUSE
IRRITATION, NAUSEA & HEADACHES; MAY INCLUDE TIGHTNESS OF THE
CHEST, ASTHMA-LIKE SYMPTOMS, RESPIRATORY DISTRESS.

Medical Cond Aggravated by Exposure:EXPOSURE MAY BE AGGRAVATE

PREEXISTING SKIN EYE AND/OR RESPIRATORY DISORDERS.

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

First Aid:EYE-FLUSH EYES WITH WATER FOR AT LEAST 15 MIN. GET MEDICAL
ATTENTION. SKIN-FLUSH EFFECTED AREA WITH PLENTY OF WATER, REMOVE
CLOTHING. THOROUGHLY WAS WITH SOAP & WATER. GET MEDICAL ATTENTION.
INHALATION-REMOVE VICTIM TO FRESH AIR. PROVIDE OXYGEN. GIVE
ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION. INGESTION-DO NOT
INDUCE VOMITING. IF CONSCIOUS/AL
ERT GIVE WATER TO DRINK. GET
MEDICAL ATTENTION.

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

Flash Point:>200F,>93C

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.
COOL EXPOSED CONTAINERS WITH WATER TO PREVENT PRESSURE BUILDUP.

Fire Fighting Procedures:FIREFIGHTERS SHOULD WEAR POSITIVE PRESSURE
SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE EQUIPMENT. IF
LRAGE AMOUNTS OF MATERIAL IS INVOLVED, LEAVE AREA.

Unusual Fire/Explosio

n Hazard:DECOMPOSITION & COMBUSTION PRODUCTS MAY BE TOXIC. CLOSED CONTAINERS MAY VIOLENTLY RUPTURE UNDER FIRE CONDITIONS.

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

Spill Release Procedures:ACTIVATE AVAILABLE EXHAUST VENTILATION EQUIPMENT IN THE IMMEDIATE SPILL AREA. WIPE UP OR ABSORB SPILLED MATERIAL WITH VERMICULITE. WASH ARE WITH SOAPY WATER TO REMOVE RESIDUE. COLLET ABSORBED MATERIAL & WATER RINSES IN APPROPRIATE CONTIANERS.

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

Handling and Storage Precautions:STORE IN A COOL, DRY LOCATION WITH ADEQUATE VENTILATION. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM OPEN FLAMES & HEAT SOURCES.

Other Precautions:NORMAL WORK CLOTHING SHOULD BE WASHED BEFORE-REUSE. EMERGENCY EYE WASH FACILITIES AND SAFETY SHOWER SHOULD BE AVAILABLE.

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

Respiratory Protection:USE AN APPROPRIAT E, PROPERLY FITTED RESPIRATOR IF EXPOSURES EXCEED PEL/TLV VALUES. THE TYPE OF PROTECTION SELECTED WILL BE DEPEND UPON THE CONDITIONS OF USE. OBSERVE OSHA REGULATIONS FOR RESPIRATORY P ROTECTION (29CFR 1910.134).

Ventilation:PROVIDE EFFECTIVE MECHNAICAL EXHAUST VENTILATION TO DRAW VAPORS, MIST OR FUMES GENERATED DURING PROCESSING AWAY.

Protective Gloves:WEAR APPROPATE PROTECTIVE GLOVES.

Eye Protection:CHEMICAL SAFETY GLASSES OR FACE SHIELD.

Other Protective Equipment:IF NECESSARY , A PROPER CHEMICAL-RESISTANT APRON AND ADDITIONAL IMPERVIOUS CLOTHING SHOULD BE USED TO PREVENT CONTACT.

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

Supplemental Safety and Health PART OF "B" OF A TWO PART KIT.

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

HCC:N1

Vapor Pres:NEGLIGIBLE

Vapor Density:>AIR

Spec Gravity:2.75-3.4

Solubility in Water:PARTIALLY SLOUBLE

Appearance and Odo

r:SILVER PASTE, AMINE ODOR.
Percent Volatiles by Volume:NEGL

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

Stability Indicator/Materials to Avoid:YES

INCOMPATIBLE WITH STRONG OXIDIZERS, ACIDS, BASES, EPOXIDES.

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

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, SILVER COMPOUNDS & OTHER ORGANIC SUBSTANCES MAY BE FORMED.

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

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

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.