

E/M CORPORATION -- EVERLUBE 9002 (10-955)

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MSDS Safety Information  
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FSC: 9150  
NIIN: 01-416-9509  
MSDS Date: 07/15/1998  
MSDS Num: CJYJL  
Product ID: EVERLUBE 9002 (10-955)  
MFN: 03  
Responsible Party  
Cage: 8F024  
Name: E/M CORPORATION  
Address: 100 COOPER CIRCLE  
Box: 3969  
City: PEACHTREE CITY  
GA 30269  
Info Phone Number: 770-261-4821  
Emergency Phone Number: 770-261-4821

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Item Description Information  
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Item Manager: S9G  
Item Name: LUBRICANT,SOLID FILM  
Specification Number: MIL-L-46010  
Type/Grade/Class: III TYPE  
Unit of Issue: GL  
UI Container Qty: 6  
Type of Container: CAN

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Ingredients  
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Name: \*\*\* PROPRIETARY \*\*\*  
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Health Hazards Data  
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LD50 LC50 Mixture: TLV: NOT DETERMINED FOR PRODUCT  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: BUTYL CELLOSOLVE CAN CAUSE LIVER AND KIDNEY DAMAGE.  
MOLYBDENUM MAY BE SLIGHTLY IRRITATING. ACUTE OVEREXPOS

URE TO ISOBUTANOL VAPOR

CAN CAUSE IRRITATION TO THE EYES (SEVERE), SKIN (MODERATE), AND MUCOUS MEMBRANES, AS WELL AS CENTRAL NERVOUS SYSTEM DEPRESSION. DIRECT CONTACT WITH ISOBUTANOL WILL CAUSE SEVERE EYE AND MODERATE SKIN IRRITATION. ANTIMONY COMPOUNDS IN TESTS WITH LAB ANIMALS HAS BEEN REPOR TED TO CAUSE BENIGN AND MALIGNANT LUNG TUMORS UPON INHALATION ABOVE THE TLV.

Signs And Symptions Of Overexposure: EYES-CAN CAUSE IRRITATION, REDNESS, BLURRED VISION. SKIN-PROLONGED CONTACT CAN CAUSE IRRITATION, DERMATITIS.

INHALATION-CAN CAUSE IRRITATION, DIZZINESS, NAUSEA, FATIGUE, HEADACHE AND UNCONSCIOUSNESS O R ASPHYXIATION. INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

First Aid: SKIN-WASH WITH SOAP AND WATER. EYES-FLUSH WITH COPIOUS AMOUNTS OF WATER, GET MEDICAL ATTENTION. INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS IMPAIRED, GET MEDICAL ATTENTION. INGESTION-DO NOT INDUCE VOMITING, KEEP WARM, GET MEDICAL ATTENTION.

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Handling and Disposal

Spill Release Procedures: CLEAN SPILL WITH ABSORBENT MATERIAL. ELIMINATE IGNITION SOURCES. WEAR GLOVES, GOGGLES AND GAS MASK IF TWA'S ARE EXCEEDED.

Waste Disposal Methods: DISPOSE OF WASTE IN A CHEMICAL LANDFILL AS APPROVED BY CURRENT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

Handling And Storage Precautions: PROTECT FROM PHYSICAL DAMAGE. STORE IN A COOL, DRY, VEN

TILATED AREA AWAY FROM ACIDS, ALKALIS AND OPEN FLAMES.

Other Precautions: NONE.

Fire and Explosion Hazard Information

Flash Point Method: TCC

Flash Point: >93.3C, 200.F

Extinguishing Media: CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR HALON.

Fire Fighting Procedures: NONE

Unusual Fire/Explosion Hazard: NONE.

Control Measures

Respiratory Protection: USE NIOSH APPROVED ORGANIC RESPIRATOR IF TWA/TLV LIMITS ARE EXCEEDED.

Ventilation: LOCAL EXHAUST - USE TO MAINTAIN LEVELS BELOW TWA LIMITS. MECHANICAL - USE NON SPARKING EQUIPMENT.

Protective Gloves: CHEMICAL RESISTANT GLOVES.

Eye Protection: WEAR SAFETY GLASSES OR GOGGLES.

Other Protective Equipment: NONE.

Work Hygienic Practices: WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOT

HING BEFORE REUSE.

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Physical/Chemical Properties  
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HCC: V5

B.P. Text: 212-300F

Vapor Density: >1

Spec Gravity: 1.32 (11 LBS/GAL)

VOC Grams/Liter: 183

Solubility in Water: COMPLETE

Appearance and Odor: GRAY/BLACK LIQUID, SLIGHT SOLVENT ODOR.

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Reactivity Data  
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Stability Indica

tor: YES

Stability Condition To Avoid: OPEN FLAMES.

Materials To Avoid: STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: IRRITATING AND/OR TOXIC FUMES INCLUDING  
OXIDES OF CARBON, SULFUR AND ANTIMONY MAY BE RELEASED.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE.

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Toxicological Information  
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Toxicological Information: BUTYL CELLOSOLVE HAS DERM

AL LD50 (GUINEA PIGS) OF

230 MG/KG AND CAUSES LIVER AND KIDNEY DAMAGE. MOLYBDENUM COMPOUNDS MAY BE  
IRRITATING. ANTIMONY COMPOUNDS IN TESTS WITH LAB ANIMALS REPORTED TO CAUSE B  
ENIGN AND MALIGNANT LUNG TUMORS UPON INHALATION ABOVE TLV. ISOBUTANOL HAS  
ORAL (RAT) AND DERMAL (RABBIT) LD50 VALUES OF 2.46 G/KG AND 3.4 G/KG,  
RESPECTIVELY. LC50 (RAT) FOLLOWING 4-HOUR INHALATION EX POSURE IS >8000

PPM. ISOBUTANOL VAPOR CAN CAUSE EYES (SEVERE) , SKIN (MODERATE), AND MUCOUS  
MEMBRANES IRRI  
TATION AND CNS DEPRESSION. DIRRECT CONTACT WILL CAUSE SEVERE  
EYE AND MODERATE SKIN IRRITATION.

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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Sara Title III Information: INORGANIC ANTIMONY COMPOUNDS (CAS #1309-64-4) AND BUTYL CELLOSOLVE (CAS #111-76-2), THESE CHEMICALS ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

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Other Information

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Other Information: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (H): HEALTH-2, FLAMMABILITY-0, REACTIVITY-0, SPECIAL NOTICE.

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Transportation Information

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Responsible Party Code: 8F024  
Trans ID NO: 150965  
Product ID: EVERLUBE 9002 (10-955)  
MSDS Prepared Date: 07/15/1998  
Review Date: 02/23/2001  
MFN: 3  
Net Unit Weight: 11 LBS  
Multiple KIT Number: 0  
Review IND: Y  
Unit Of Issue: GL  
Container QTY: 6  
Type Of Container: CAN

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Detail DOT Information

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DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information

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IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information

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IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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Detail AFI Information  
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
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HAZCOM Label  
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Product ID: EV

ERLUBE 9002 (10-955)

Cage: 8F024

Company Name: E / M CO. DIV OF MORGAN CHEMICAL PRODUCTS INC

Street: 100 COOPER CIR

PO Box: 3969

City: PEACHTREE CITY GA

Zipcode: 30269

Health Emergency Phone: 770-261-4821

Label Required IND: Y

Date Of Label Review: 01/07/2000

Status Code: A

Label Date: 01/07/2000

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: WARNING

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Slight

Fire Hazard

: Slight

Reactivity Hazard: None

Hazard And Precautions: BUTYL CELLOSOLVE CAN CAUSE LIVER AND KIDNEY DAMAGE.

MOLYBDENUM MAY BE SLIGHTLY IRRITATING. ACUTE OVEREXPOSURE TO ISOBUTANOL VAPOR CAN CAUSE IRRITATION TO THE EYES (SEVERE), SKIN (MODERATE), AND MUCOUS MEMBRANES, AS WELL AS CENTRAL NERVOUS SYSTEM DEPRESSION. DIRECT CONTACT WITH ISOBUTANOL WILL CAUSE SEVERE EYE AND MODERATE SKIN IRRITATION. ANTIMONY COMPOUNDS IN TESTS WITH LAB ANIMALS HAS BEEN REPORTED TO CAUSE BENIGN AND MALIG

NANT LUNG TUMORS UPON INHALATION ABOVE THE TLV.

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