

E/M CORPORATION -- LUBRI-BOND 220 (10-612)

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MSDS Safety Information
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FSC: 9150
NIIN: 00-142-9361
MSDS Date: 05/07/1998
MSDS Num: CKMWL
Product ID: LUBRI-BOND 220 (10-612)
MFN: 03
Responsible Party
Cage: 8F024
Name: E/M CORPORATION
Address: 100 COOPER CIRCLE
Box: 3969
City: PEACHTREE CIT
Y GA 30269
Info Phone Number: 770-261-4821
Emergency Phone Number: 317-463-2511
Chemtrec IND/Phone: (800)424-9300
Proprietary Ind: Y
Review Ind: Y
Published: Y

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Contractor Summary
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Cage: 8F024
Name: E / M CO. DIV OF MORGAN CHEMICAL PRODUCTS INC
Address: 100 COOPER CIR
Box: 3969
City: PEACHTREE CITY GA 30269
Phone: 770-261-4835 / FAX: 770-631-0833

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Item Description Information
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Item Manager: S9G
Item Name: LUBRICANT,SOLID FILM
Specification Number: MIL-L-23398
Type/Grade/Class: TYPE I FORM 1 COLOR1
Unit of Issue: GL
UI Container Qty: 4
Type of Container: IP3 METAL CAN

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EYES: CAN CAUSE IRRITATION, REDNESS, BLURRED VISION. SKIN: PROLONGED CONTACT CAN CAUSE IRRITATION, DERMATITIS. INHALATION: CAN CAUSE IRRITATION, DIZZINESS, NAUSEA, FATIGUE, HEADACHE AND UNCONSCIOUSNESS OR ASPHYXIATION. INGESTION: CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA.

Signs And Symptoms 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 OR 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.

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Handling and Disposal
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Spill Release Procedures: USE PROPER PERSONAL PROTECTION; CONTAIN FREE MATERIAL IF POSSIBLE; USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Waste Disposal Methods: CONSULT LOCAL AUTHORITIES. DISPOSAL MUST BE MADE IN

ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL, DRY, WELL VENTILATED AREA.

KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions: DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point Text: 45.0F,7.2C

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

Fire Fighting Procedures: FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard: NONE NOTED

.FIRE OR EXCESSIVE HEAT MAY CAUSE

PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.
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Control Measures
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Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation: LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves: NEOPRENE, NITRILE, OR NATURAL RUBBER.

Eye Protection: SAFETY GOGGLES WITH OPTIONAL FACE SHIELD.

Othe

r Protective Equipment: EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health: AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.
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Physical/Chemical Properties
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HCC: F2

B.P. Text: 230-288F

M.P/F.P Text: NOT AVAILABLE

Vapor Pres: 51.7 MM HG @ 100F

Vapor Density: N/AV

Spec Gravity: 0.996

VOC Grams/Liter: 744

Evaporation Rate & Reference: NOT AVAILABLE

Solubility in Water: NIL

Appearance and Odor: GRAY/BLACK LIQUID,ORGANIC SOLVENT ODOR.
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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: OPEN FLAME.

Materi

als To Avoid: STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: IRRITATING AND/OR TOXIC FUMES INCLUDING CARBON MONOXIDE (CO), CARBON DIOXIDE (CO2), HYDROGEN SULFIDE (H2), SULFUR DIOXIDE (SO2) MAY BE RELEASED.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE.

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Toxicological Information
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Toxicological Information: TOXICITY: MOLYBDENUM COMPOUNDS MAY BE SLIGHTLY

IRRITATING. CARCINOGENICITY: NTP-NO, IARC-NO, OSHA-NO. ANTIMONY COMPOUNDS IN TESTS WITH LAB ANIMALS HAS BEEN REPORTED TO CAUSE BENIGN & MALIGNANT LUNG TU MORS UPON INHALATION ABOVE THE TLV. CARCINOGENICITY: NTP-NO, IARC-YES, OSHA-NO, (ANIMAL-DEFINITE, HUMAN-INDEFINITE). INORGANIC LEAD COMPOUNDS HAVE THE POTENTIAL TO BIO-ACCUMULATE & CAUSE LEAD POISONIN G. CHRONIC OVEREXPOSURE TO INORGANIC LEAD COMPOUNDS HAVE BEEN FOUND TO CAUSE TARGET ORGAN AND REPRODUCTIVE

EFFECTS. CARCINOGENICITY: NTP-NO, IARC-YES, OSHA-NO.

XYLENE IS A MODERATE SKIN IRRITANT. CAR CINOGENICITY: NTP-NO, IARC-NO, OSHA-NO

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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Other Information: NPCA- RATINGS: HEALTH-2, FLAMMABILITY-3, REACTIVITY-0. NOTE FROM DLA- STAFF: THE SPECIFICATION GIVEN IN THIS RECORD IS INCORRECT, THE CORRECT SPECIFICATION IS MIL-L-46147, TYPE 1. DLA- IS UNABLE TO CHANGE THE NSN DATA AT THIS TIME (1 JUNE 2000) SINCE THE DATA IS "DLSC VERIFIED".

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Transportation Information
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Responsible Party Cage: 8F024

Trans ID NO: 153298

Product ID: LUBRI-BOND 220 (10-612)

MSDS Prepared Date: 05/07/1998

Review Date: 06/01/2000

MFN: 3

Tech Entry NOS Shipping Nm: XYLENE, TOLUENE

Net Unit Weight: 8.3 LBS

Multiple KIT Number: 0

Unit Of Issue: GL

Container QTY: 4

Type Of Container: IP3 METAL CAN
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Detail DOT

Information

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DOT PSN Code: GJJ
Symbols: G
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
Hazard Class: 3
UN ID Num: UN1993
DOT Packaging Group: II
Label: FLAMMABLE LIQUID
Special Provision: T8,T31
Non Bulk Pack: 202
Bulk Pack: 242
Max Qty Pass: 5L
Max Qty Cargo: 60 L
Vessel Stow Req: B
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Detail IMO Information

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IMO PSN Code: H
IN
IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o
IMDG Page Number: 3230
UN Number: 1993
UN Hazard Class: 3.2
IMO Packaging Group: I/II
Subsidiary Risk Label: -
EMS Number: 3-07
MED First Aid Guide NUM: T
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Detail IATA Information

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IATA PSN BV
IATA UN ID Num: 1993
IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
UN Packing Group: I
I
Packing Note Passenger: 305
Max Quant Pass: 5L
Max Quant Cargo: 60L
Packaging Note Cargo: 307
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Detail AFI Information

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AFI PSN BV
AFI Symbols: *
AFI Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
AFI Hazard Class: 3
AFI UN ID NUM: UN1993
AFI Packing Group: II
Special Provisions: P5
Back Pack Reference: A7.3
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HAZCOM Label

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Product ID: LUBRI-BOND 220 (10-612)

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: 317-463-2511

Label Required IND: Y

Date Of Label Review: 06/01/2000

Status Code: A

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: NO

Health Hazard: Mode

rate

Contact Hazard: Slight

Fire Hazard: Severe

Reactivity Hazard: None

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