

E/M CORPORATION -- LUBRI-BOND 220 AEROSOL (10-613)

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MSDS Safety Information
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FSC: 9150
NIIN: 01-260-2534
MSDS Date: 04/03/1998
MSDS Num: CKXPS
Product ID: LUBRI-BOND 220 AEROSOL (10-613)
MFN: 01
Responsible Party
Cage: UO136
Name: E/M CORPORATION
Address: 100 COOPER CIRCLE
Box: 3969
City: PEACH
TREE CITY GA 30269
Info Phone Number: 770-261-4821
Emergency Phone Number: (800)424-9300
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: UO136
Name: E/M CORPORATION
Address: 100 COOPER CIRCLE
Box: 3969
City: PEACHTREE CITY GA 30269
Phone: 770-261-4821
Cage: 29913
Name: RADIAN INTL LLC
Address: 8501 N MOPAC BLVD
Box: 201088
City:
AUSTIN TX 78720-1088
Phone: 512-419-5224
Contract Number: SPO450-00-D-4021

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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 II
Unit of Issue: CN
Quantitative Expression: 00000000016OZ
UI Container Qty: 0
Type of Container: CAN,AEROSOL

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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: YES

OSHA: NO

Effects of Exposure: EYE-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.

Explanation Of Carcinogenicity: INORGANIC LEAD COMPOUNDS (CAS#12141-20-7):

IARC-YES. ANTIMONY COMPOUNDS: YES; (ANIMAL-DEFINITE) (HUMAN-INDEFINITE).

METHYLENE CHLORIDE (CAS#75-09-2): IARC-YES, POSSIBLE HUMAN CARCINOGEN-2B.

Signs And Symptoms Of Overexposure: METHYLENE CHLORIDE-EXCESSIVE INHALATION OR IN

GESTION CAN PRODUCE SYMPTOMS OF CNS DEPRESSION. CONTACT WITH EYES AND SKIN CAN CAUSE IRRITATION. CHRONIC INHALATION CAN CAUSE HEADACHE, DEPRESSION, LOSS OF APPETITE, VOMITING, COUGHING, LOSS OF SENSE OF BALANCE, AND VISUAL DISTURBANCES. PROLONGED SKIN CONTACT CAN CAUSE DERMATITIS.

First Aid: SKIN: WASH WITH SOAP AND WATER. EYE: 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
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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 Preca

utions: PROTECT FROM PHYSICAL DAMAGE. STORE IN A
COOL, DRY VENTILATED AREA AWAY FROM ACIDS, ALKALIS AND OPEN FLAMES.
Other Precautions: NONE

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Fire and Explosion Hazard Information
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Flash Point Method: TCC
Flash Point: <-12.2C, 10.F
Lower Limits: NOT DETERMIN
Upper Limits: NOT DETERMIN
Extinguishing Media: CO2, FOAM, DRY CHEMICAL OR HALON.
Fire Fighting Procedures: WEAR SELF-CONTAIN
ED BREATHING APPARATUS. DO NOT
EXTINGUISH WITH WATER.
Unusual Fire/Explosion Hazard: NONE

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Control Measures
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Respiratory Protection: USE NIOSH APPROVED ORGANIC RESPIRATOR IF TWA/TLV LIMITS
ARE EXCEEDED.
Ventilation: LOCAL EXHAUST: USE TO MAINTAIN LEVELS BELOW TWA LIMITS.
MECHANICAL: WEAR SAFETY GLASSES OR GOGGLES. SPECIAL: NONE. OTHER: NONE.
Protective Gloves: CHEMICAL RESISTANT G
LOVES.
Eye Protection: WEAR SAFETY GLASSES OR GOGGLES.
Other Protective Equipment: NONE

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Physical/Chemical Properties
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HCC: V3
B.P. Text: NOT AVAILABLE
M.P/F.P Text: NOT AVAILABLE
Decomp Text: NOT PROVIDED BY MFR
Vapor Pres: NOT AVAILABLE
Vapor Density: NOT AVAILA
Spec Gravity: NOT PROVIDED BY MFR
PH: NOT PROVIDED BY
VOC Grams/Liter: 627
Viscosity: NOT PROVIDED BY MFR
Evaporation Rate &

amp; Reference: NOT AVAILABLE

Solubility in Water: NIL

Appearance and Odor: GRAY/BLACK LIQUID, ORGANIC SOLVENT ODOR

Percent Volatiles by Volume: NOT PROVIDED

Corrosion Rate: NOT PROVIDED BY MFR

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: OPEN FLAME.

Materials To Avoid: STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: IRRITATING AND/OR TOXIC FUMES I
NCLUDING CO,

CO₂, SO₂, H₂S AND OXIDES OF PB AND SB 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 (ACUTE & CHRONIC): MOLYBDENUM COMPOUNDS
MAY BE SLIGHTLY IRRITATING. INORGANIC COMPOUNDS HAVE THE POTENTIAL TO
BIO-ACCUMULATE & CAUSE LEAD POISONING. CHRONIC OVERE

XPOSURE TO INORGANIC

COMPOUN DS HAVE BEEN FOUND TO CAUSE TARGET ORGAN & REPRODUCTIVE EFFECTS.

REFER TO OSHA 29 CFR-1910.1025. ANTIMONY COMPOUNDS IN TEST WITH LAB ANIMALS
HAS BEEN REPORTED TO CAUSE BENIGN & MALIGNANT TUMORS UPON I NHALATION
ABOVE THE TLV. XYLENE IS A MODERATE SKIN IRRITANT IN RABBITS & SEVERE EYE
IRRITANT. METHYLENE CHLORIDE HAS AN ACUTE ORAL LD50(RATS) OF 2000-4000 MG/KG
& IS CONSIDERED MODERATELY TOXIC. (SEE OTHER INFO).

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Regulatory Information
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Sara Title III Information: THIS CHEMICAL IS SUBJECT TO THE REPORTING
REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND
REAUTHORIZATION ACT OF 1986 AND 40CFR PART 372. INORGANIC LEAD COMPOUND,
INORGANIC AN TIMONY COMPOUND, XYLENE, METHYLENE CHLORIDE.

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Other Information
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Other Information: THE DERMAL LDLO(RABBIT) IS 2700 MG/KG. AN NTP 2 YEAR
INHALATION CANCER BIOASSAY SHOWS "CLEAR EVIDENCE OF CARCINOGENICITY" IN MICE
& FEMALE RATS. LPG IS AN ASPHYXIANT. *VOC (GRAMS/LITER): 627 (LESS PRO
PELLANT). * LIQUIFIED PETROLEUM GAS (LPG)-FLAMMABLE GAS. *HAZARDOUS MATERIALS
IDENTIFICATION SYSTEM (H): HEALTH-2, FLAMMABILITY-4, REACTIVITY-0, SPECIAL
NOTICE-.

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Transportation Information

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Responsible Party Code: UO136
Trans ID NO: 155792
Product ID: LUBRI-BOND 220 AEROSOL (10-613)
MSDS Prepared Date: 04/03/1998
Review Date: 01/11/2001
MFN: 1
Net Unit Weight: 1 LB
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: CN
Container QTY: 0
Type Of Container: CAN,AEROSOL

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Detail DOT Information

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DOT PSN Code: AGC
DOT Proper
Shipping Name: AEROSOLS, FLAMMABLE,
DOT PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
Hazard Class: 2.1
UN ID Num: UN1950
Label: FLAMMABLE GAS
Special Provision: N82
Non Bulk Pack: NONE
Bulk Pack: NONE
Max Qty Pass: 75 KG
Max Qty Cargo: 150 KG
Vessel Stow Req: A
Water/Ship/Other Req: 40,48,85

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Detail IMO Information

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IMO PSN Code: AKD
IMO Proper Shipping Name: AEROSOLS o
IMDG Page Num

ber: 2102
UN Number: 1950
UN Hazard Class: 2(T)
IMO Packaging Group: -
Subsidiary Risk Label: T
EMS Number: 2-13
MED First Aid Guide NUM: 620

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Detail IATA Information
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IATA PSN Code: ALS
IATA UN ID Num: 1950
IATA Proper Shipping Name: AEROSOLS, FLAMMABLE
IATA PSN Modifier: (EACH NOT EXCEEDING 1 L CAPACITY)
IATA UN Class: 2.1
IATA Label: FLAMMABLE GAS
Packing Note Passenger: 203
Max Quan
t Pass: 75KG
Max Quant Cargo: 150KG
Packaging Note Cargo: 203

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Detail AFI Information
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AFI PSN Code: ALR
AFI Symbols: *
AFI Proper Shipping Name: AEROSOLS, FLAMMABLE, N.O.S.
AFI PSN Modifier: (EACH NOT EXCEEDING 1L CAPACITY)
AFI Hazard Class: 2.1
AFI UN ID NUM: UN1950
Special Provisions: P4
Back Pack Reference: A6.3

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HAZCOM Label
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Product ID: LUBRI-BOND 220 AEROSOL (10-613)
Cage: UO136
Assigned IND: Y
Company Name: E/M CORPORATION
Street: 100 COOPER CIRCLE
PO Box: 3969
City: PEACHTREE CITY GA
Zipcode: 30269
Health Emergency Phone: (800)424-9300
Label Required IND: Y
Date Of Label Review: 01/11/2001
Status Code: A
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: YES
Health Hazard:

Moderate

Contact Hazard: Slight

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: EYE-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.

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