

MSDS Safety Information

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: PEACHTREE CITY GA 30269
Info Phone Number: 770-261-4821
Emergency Phon
e Number: (800)424-9300
Chemtrec IND/Phone: (800)424-9300
Proprietary Ind: Y
Review Ind: Y
Published: Y

Contractor Summary

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

Item Description Information

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

Ingredients

Name

Health Hazards Data

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, HEADACH

E 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 Symptions Of Overexposure: METHYLENE CHLORIDE-EXCESSIVE INHALATION OR INGESTION 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 BALANE, 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 IND UCE VOMITING, KEEP WARM, GET MEDICAL ATTENTION.

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 VENT

ILATED 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-CONTAINED BREATHING APPARATUS. DO NOT
EXTINGUISH WITH WATER.

Unusual F

ire/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 GLOVES.

Eye Protection: WEAR SAFETY GLASSES OR GOGGLES.

Other Prot

ective 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 & 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 INCLUDING CO,
CO2, SO2, H2S AND OXIDES OF PB AND SB MAY BE RELEA
SED.
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 OVEREXPOSURE 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 (): HEALTH-2, FLAMMIBILITY-4, REACTIVITY-0, SPECIAL
NOTICE-.

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Transportation Information

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Responsible

Party Cage: 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 E
XCEEDING 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 Number: 2102
UN Number: 1950
UN Hazard Class: 2(T)
IMO Packaging Gro
up: -
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 Quant 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 H

azard: 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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