

E/M CORPORATION -- PERMA-SLIK G AEROSOL (PPSGAE)

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MSDS Safety Information
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FSC: 9150
NIIN: 01-360-1903
MSDS Date: 05/10/2001
MSDS Num: CLSKL
Product ID: PERMA-SLIK G AEROSOL (PPSGAE)
MFN: 05
Responsible Party
Cage: UO136
Name: E/M CORPORATION
Address: 100 COOPER CIRCLE
Box: 3969
City: PEACHT
REE 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 Name: LUBRICANT,SOLID FILM
Specification Number: MIL-L-46147B
Type/Grade/Class: TY I,FORM 2,COLOR 1
Unit of Issue: CN
Quantitative Expression: 00000000012OZ
UI Container Qty: 1
Type of Container: AEROSOL CAN

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In
gredients
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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: MOLYBDENUM COMPOUNDS MAY BE SLIGHTLY IRRITATING. INORGANIC
LEAD COMPOUNDS HAVE THE POTENTIAL TO BIO-ACCUMUL

ATE & CAUSE LEAD

POISONING. CHRONIC OVEREXPOSURE HAS BEEN FOUND TO CAUSE TARGET ORGAN & REPRO DUCTIVE EFFECTS. METHYL ETHYL KETONE IS AN EYE & SKIN IRRITANT, AFFECTS THE NERVOUS SYSTEM, & IS A TERATOGEN IN LAB ANIMALS. XYLENE IS A MODERATE SKIN IRRITANT IN RABBITS & SEVERE EYE IRRITANT. MINERAL SPIRITS ARE IRRITATING TO EYES, SKIN & MUCOUS MEMBRANES BY INHALATION. INHALATION ABOVE TLV CAUSES HEADACHE, NAUSEA & COMA. LPG IS AN ASPHYXIANT.

Explanation Of Ca

rcinogenicity: METHYLENE CHLORIDE: POSSIBLE HUMAN CARCINOGEN

2B. INORGANIC LEAD COMPOUNDS: NTP-NO, IARC-YES, OSHA-NO. ANTIMONY COMPOUNDS: NTP-NO, IARC-YES, OSHA-NO, (ANIMAL-DEFINITE) (HUMAN-INDEFINITE).

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, UNCONSCIOUSNESS, OR ASPHYXIATION. INGESTION: CAN CAUSE GASTROINTES TINAL

IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

First Aid: EYES: FLUSH WITH COPIOUS AMOUNTS OF WATER. GET MEDICAL ATTENTION.

SKIN: WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS IMPAIRED, GET MEDICAL ATTENTION. INGESTION: DO NOT IN DUCE VOMITING, KEEP WARM, GET MEDICAL ATTENTION.

Handling and Disposal

Spill Release Procedures: CLEAN SPILL WITH ABSOR BENT 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 COOL, DRY, VENTILATED AREA AWAY ACIDS, ALKALIS, OPEN FLAMES.

Other Precautions: FLAMMABLE. DO NOT SPRAY NEAR OPEN FLAMES. DO NOT PUNCTURE, INCINERATE, THROW INTO FIRE OR STORE ABOVE 120F.

Fire and Explosion Hazard Information

Flash Point Method: TCC

Flash Point: <-28.7C, -20.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 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 EXPOSURE LEVELS BELOW TWA LIMITS. MECHANICAL: USE NON-SPARKING EQUIPMENT.

Protective Gloves: NONE NORMALLY REQUIRED.

Eye Protection: WEAR SAFETY GLASSES OR GOGGLES.

Other Protective Equipment: NONE.

Supplemental Safety and Health: HAZARDOUS IDENTIFICATION SYSTEM (): HEALTH-2, FLAMMABILITY-4, REACTIVITY-0.

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Physical/Chemical Properties

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HCC: V3

Boiling Point: >82.2C, 180.F

B.P. Text: AS CONCENTRATE

M.P/F.P Text: NOT AVAILABLE

Vapor Pres: NOT AVAILABLE

Vapor Density: NOT AVAILA

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.

Materials To Avoid: STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: IRRITATING AND/OR TOXIC FUMES INCLUDING CO, CO2, SO2,PBS, AND SB COMPOUNDS MAY BE RELEASED.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE.

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Toxicological Information

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Toxicological Information: ANTIMONY COMPOUNDS IN TESTS WITH LAB ANIMALS HAS BEEN REPORTED TO CAUSE BENIGN & MALIGNANT LUNG TUMORS UPON INHALATION ABOVE THE TLV. METHYLENE CHLORIDE HAS AN ACUTE ORAL LD50(RATS) OF 2000-4000 MG/KG & IS CONSIDERED MODERATELY TOXIC. THE DERMAL LDLO(RABBIT) IS 2700 MG/KG. AN NTP 2 YEAR INHALATION CANCER BIOASSAY SHOWS "CLEAR EVIDENCE OF CARCINOGENICITY" IN MICE & FEMALE RATS. EXCESSIVE INHALATIO

N OR

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

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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: *THIS CHEMICAL IS 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. INORGANIC LEAD COMPOUNDS

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Other Information
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Transportation Information
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Responsible Party Code: UO136
Trans ID NO: 160267
Product ID: PERMA-SLIK G AEROSOL (PPSGAE)
MSDS Prepared Date: 05/10/2001
Review Date: 12/14/2001
MFN: 5
Net Unit Weight: 12 OZ
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: CN
Container QTY: 1
Type Of Container: AEROSOL CAN

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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 Number: 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 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 Pro
visions: P4
Back Pack Reference: A6.3
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HAZCOM Label
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Product ID: PERMA-SLIK G AEROSOL (PPSGAE)
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: 770-261-4821
Label Required IND: Y
Date Of Label Review: 12/14/2001
Status Code: A
Year Procured: 2001
Origination Code: F
Chronic Ha

zard 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: MOLYBDENUM COMPOUNDS MAY BE SLIGHTLY IRRITATING.
INORGANIC LEAD COMPOUNDS HAVE THE POTENTIAL TO BIO-ACCUMULATE & CAUSE
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