

E/M CORP SUB OF GREAT LAKES CH -- PERMA-SLIK RAC AEROSOL (PPSRACAE)

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MSDS Safety Information  
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FSC: 9150  
NIIN: 01-380-4470  
MSDS Date: 06/19/2001  
MSDS Num: CLNST  
Product ID: PERMA-SLIK RAC AEROSOL (PPSRACAE)  
MFN: 04  
Responsible Party  
Cage: 8F024  
Name: E/M CORP SUB OF GREAT LAKES CHEMICAL CORP  
Address: 100 COOPER  
CIR  
Box: 3969  
City: PEACHTREE CITY GA 30269  
Info Phone Number: 770-261-4839/4821  
Emergency Phone Number: 770-261-4839

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Item Description Information  
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Item Manager: S9G  
Item Name: LUBRICANT,SOLID FILM  
Specification Number: NONE  
Type/Grade/Class: NONE  
Unit of Issue: CN  
Quantitative Expression: 00000000011OZ  
UI Container Qty: 0  
Type of Container: CAN, AEROSOL

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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: LD50(ORAL,RAT)11,300 MG/KG;ETHYL ACETATE  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: YES  
OSHA: NO  
Effects of Exposure: EYES-CAN CAUSE IRRITAT

ION, 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: ANTIMONY COMPOUNDS IN TESTS WITH LAB ANIMALS HAS SHOWN TO CAUSE LUNG TUMORS UPON INHALATION ABOVE THE TLV, PER MSDS. (ANIMAL: DEFINITE; HUMAN: INDEFINITE)

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, 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.

Neutralizing Agent: NOT RELEVANT

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 VANTILATED 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: =-3.3C, 26.F

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

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 LEVELS BELOW TWA LIMITS. MECHANICAL-USE NON SPARKING EQUIPMENT.

Protective Glo

ves: CHEMICAL RESISTANT GLOVES  
Eye Protection: WEAR SAFETY GLASSES OR GOGGLES.

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Physical/Chemical Properties  
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HCC: V3  
NRC/State LIC No: NOT RELEVANT  
Boiling Point: >71.1C, 160.F  
B.P. Text: 160F - 260F  
M.P/F.P Text: UNKNOWN  
Decomp Text: UNKNOWN  
Vapor Pres: UNKNOWN  
Vapor Density: UNKNOWN  
Spec Gravity: 9.3 LB/GAL  
VOC Grams/Liter: 781  
Viscosity: NOT KNOWN  
Evaporation Rate & Reference  
: UNKNOWN  
Solubility in Water: SLIGHT  
Appearance and Odor: GRAY/BLACK LIQUID - ORGANIC SOLVENT ODOR  
Corrosion Rate: UNKNOWN

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Reactivity Data  
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Stability Indicator: 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, HYDROGEN SULFIDE AND CHLORINE COMPOUNDS MAY BE  
RELEASED.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NOT RELEVANT

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Toxicological Information  
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Toxicological Information: LPG (CAS# 68476-85-7) IS AN ASPHYXIANT. MOLYBDENUM  
COMPOUNDS MAY BE SLIGHTLY IRRITATING. ANTIMONY COMPOUNDS IN TESTS IWTH LAB  
ANIMALS HAS BEEN REPORTED TO CAUSE BENIGN & MALIGNANT LUNG TUMORS UPON I  
NHALATION

ABOVE THE TLV. GRAPHITE (CAS# 7782-42-5) DUST CAN PRODUCE PNEUMOCONIOSIS IN HUMANS. ETHYL ACETATE (CAS# 141-78-6) IS IRRITATING TO THE EYES & RESPIRATORY PASSAGES ABOVE THE TWA. ETHYL ACETATE CAN CAUSE DERMATITIS. THE ORAL (RAT) LD50 IS 11,300 MG/KG & THE INHALATION (RAT) LC250 IS 1600 PPM/8 HR. N-BUTYL ACETATE (CAS# 123-86-4) IS A SKIN & EYE IRRITANT. ALSO MODERATELY TOXIC BY INHALATION.

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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: ANTIMONY COMPOUNDS ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III.  
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Other Information  
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Transportation Information

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Responsible Party Cage: 8F024  
Trans ID NO: 159379  
Product ID: PERMA-SLIK RAC AEROSOL (PPSRACAE)  
MSDS Prepared Date: 06/19/2001  
Review Date: 10/19/2001  
MFN: 4  
Tech Entry NOS Shipping Nm: CONTAINS LIQUIDIFIED PETROLEUM GAS  
Net Unit Weight: 11 OZ  
Multiple KIT Number: 0  
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 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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TA 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: PERMA-SLIK RAC AEROSOL (PPSRACAE)  
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: 770-261-4

839

Label Required IND: Y

Date Of Label Review: 10/19/2001

Status Code: A

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: TARGET ORGANS: N/P. 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.

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