

E/M DIV OF MORGAN CHEMICAL PRO -- PERMA-SLIK G AEROSOL (10-117)

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MSDS Safety Information
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FSC: 9150
NIIN: 01-260-2534
MSDS Date: 04/23/1998
MSDS Num: CKWNC
Product ID: PERMA-SLIK G AEROSOL (10-117)
MFN: 01
Responsible Party
Cage: 8F024
Name: E/M CO DIV OF MORGAN CHEMICAL PRODUCTS INC
Address: 100 COOPER CIR
CLE
Box: 3969
City: PEACHTREE CITY GA 30269
Info Phone Number: 770-261-4835/770-261-4821
Emergency Phone Number: 770-261-4821
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 II
Unit of Issue: CN
Quantitative Expression: 00000000016OZ
UI Container Qty: 0
Type of Container: CAN,AEROSOL

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Ingredients
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Name: ***

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Health Hazards Data
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LD50 LC50 Mixture: NO DATA FOR PRODUCT AS A WHOLE

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

IARC: YES

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.

Explanation Of Carcinogenicity: INORGANIC LEAD COMPOUNDS: IARC-YES. INORGANIC ANTIMONY COMPOUNDS: IARC-YES (ANIMAL-DEFINITE; HUMAN-INDEFINITE). METHYLENE CHLORIDE: IARC-YES (POSSIBLE HUMAN CARCINOGEN-2B)

Signs And Symptoms Of Overexposure: 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.

Medical Cond Aggravated By Exposure: NO DATA PROVIDED BY MANUFACTURER

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.

Neutralizing Agent: NO DATA PROVIDED BY MANUFACTURER.

Waste Disposal Methods: DISPOSE OF WASTE IN A CHEMICAL LANDFILL AS APPROVED BY CURRENT LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

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Handling And Storage Precautions: PROTECT FROM PHYSICAL DAMAGE. STORE IN A COOL, DRY, VENTILATED AREA AWAY FROM ACIDS, ALKALIS AND OPEN FLAMES. Other Precautions: FLAMMABLE. DO NOT SPRAY NEAR OPEN FLAME. DO NOT PUNCTURE, INCINERATE, THROW INTO FIRE OR STORE ABOVE 120 DEG F.

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Fire and Explosion Hazard Information
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Flash Point Method: TCC
Flash Point: <-28.7C, -20.F
Lower Limits: NO
T 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 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
Work Hygienic Practices: NONE
Supplemental Safety and Health: NO DATA PROVIDED BY MANUFACTURER

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Physical/Chemical Properties
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HCC: G2
Boiling Point: >82.2C, 180.F
B.P. Text: AS CONCENTRATE
M.P/F.P Text:
t: NOT AVAILABLE
Vapor Pres: NOT AVAILABLE
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: MOLYBDENUM COMPOUNDS MAY BE SLIGHTLY IRRITATING. INORGANIC LEAD COMPOUNDS HAVE THE POTENTIAL TO BIO-ACCUMULATE & CAUSE LEAD POISONING. CHRONIC OVEREXPOSURE TO INORGANIC LEAD COMPOUNDS HAVE BEEN FOUND TO CAUSE TARGET ORGAN & REPRODUCTIVE EFFECTS. ANTIMONY COMPOUNDS IN TESTS WITH LAB ANIMALS HAS BEEN REPORTED TO CAUSE BENIGN & MALIGNANT LUNG TUMORS UPON INHALATION ABOVE TLV. METHYL ETHYL KETONE IS A N EYE AND SKIN IRRITANT, AFFECTS THE NERVOUS SYSTEM & IS A TERATOGEN IN LAB ANIMALS. MINERAL SPIRITS ARE IRRITATING TO EYES, SKIN & MUCOUS MEMBRANES BY INHALATION. LPG IS AN ASPHYXIANT. (SEE OTHER INFORMATION).

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Ecological Information
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Ecological: NO DATA PROVIDED BY MANUFACTURER.

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MSDS Transport Information
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Transport Information: NO DATA PROVIDED BY MANUFACTURER

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Regulatory Information
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Sara Title III Information: FOLLOWING INGREDIENTS ARE LISTED IN SARA SECTION

313: XYLENE, CAS# 1330-20-7, <10%; METHYLENE CHLORIDE, CAS# 75-90-2, 65-75%.

Federal Regulatory Information: NO DATA PROVIDED BY MANUFACTURER

State Regulatory Information: NO DATA PROVIDED BY MANUFACTURER.

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Other Information
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Other Information: TOXICOLOGY CONTINUED: METHYLENE CHLORIDE HAS AN ACUTE ORAL LD50 (RATS) OF 2000-4000 MG/KG AND 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 INHALATION OF INGESTION CAN PRODUCE SYMPTOMS OF CNS DEPRESSION. CONTACT WITH SKIN & EYES CAN CAUSE IRRITATION. XYLENE IS A MODERATE SKIN IRRITANT IN RABBITS AND SEVERE EYE IRRITANT. NPCA- RATING: HEALTH-2, FLAMMABILITY-4, REACTIVITY-0, SPECIAL NOTICE: NO DATA PROVIDED BY MANUFACTURER.

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Transportation Information
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Responsible Party Cage: 8F024
Trans ID NO: 155538
Product ID: PERMA-SLIK G AEROSOL (10-117)
MSDS Prepared Date: 04/23/1998
Review Date: 12/08/2000
MFN: 1
Net Unit Weight: 2 LBS
Multiple KIT Number: 0
Unit Of Issue: CN
Container QTY: 0
Type Of Container: CAN,AEROSOL
Additional Data: SHIPPING NAME IS PER SAMMS-CTDF.
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Detail DOT Information
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DOT PSN Code: DQH
Symbols: G
DOT Proper Shipping Name: COMPRESSED GASES, FLAMMABLE, N.O.S.
Hazard Class: 2.1
UN ID Num: UN1954
Label: FLAMMABLE GAS
Special Provision: B13
Non Bulk Pack: 302,305
Bulk Pack: 314,315
Max Qty Pass: FORBIDDEN
Max Qty Cargo: 150 KG
Vessel Stow Req: D
Water/Ship/Other Req: 40
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Detail IMO Information
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IMO PSN Code: EQB
IMO Proper Shipping Name: COMPRESSED GAS, FLAMMABLE, N.O.S. o
IMDG Page Number: 2124
UN Number: 1954
UN Hazard Class: 2(2.1)
IMO Packaging Group: -
Subsidiary Risk Label: -
EMS Number: 2-02
MED First Aid Guide NUM: 620
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Detail IATA Information
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IATA PSN Code: HDE
IATA UN ID Num: 1954
IATA Proper Shipping Name: COMPRESSED GAS, FLAMMABLE, N.O.S. *
IATA

UN Class: 2.1
IATA Label: FLAMMABLE GAS
Packing Note Passenger: FORB
Max Quant Pass: FORB
Max Quant Cargo: 150KG
Packaging Note Cargo: 200
Exceptions: A1

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Detail AFI Information
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AFI PSN Code: HDE
AFI Symbols: *
AFI Proper Shipping Name: COMPRESSED GAS, FLAMMABLE, N.O.S.
AFI Hazard Class: 2.1
AFI UN ID NUM: UN1954
Special Provisions: P4
Back Pack Reference: A6.3, A6.5

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HAZCOM Label
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Product ID: PERMA-SLIK G AEROSOL (10-117)
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: 770-261-4821
Label Required IND: Y
Date Of Label Review: 12/08/2000
Status Code: A
Origination Code: F
Chronic Hazard IND: Y
Eye Protection IND: YES
Skin Protection IND: YES
Sign
al Word: DANGER
Respiratory Protection IND: YES
Health Hazard: Severe
Contact Hazard: Slight
Fire Hazard: Severe
Reactivity Hazard: None
Hazard And Precautions: FLAMMABLE! CONTENTS UNDER PRESSURE! ACUTE: 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 A

ND DIARRHEA. CHRONIC:

PROLONGED SKIN CONTACT CAN CAUSE DERMATITIS. CONTAINS KNOWN OR SUSPECTED CARCINOGENS. TARGET ORGANS: N/P.

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