

E/M CORPORATION -- PERM-SLIK G AEROSOL (PPSGAE) -- 9150-01-360-1904

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Product Identification  
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Product ID:PERM-SLIK G AEROSOL (PPSGAE)

MSDS Date:04/23/1998

FSC:9150

NIIN:01-360-1904

Status Code:A

MSDS Number: CKFMK

=== Responsible Party ===

Company Name:E/M CORPORATION

Address:100 COOPER CIRCLE

Box:3969

City:PEACHTREE CITY

State:GA

ZIP:30269

Country:US

Info Phone Num:770-261-4821

Emergenc

y Phone Num:770-2614821

Preparer's Name:IN-HOUSE COORDINATOR

Chemtec Ind/Phone:(800)424-9300

CAGE:8F024

=== Contractor Identification ===

Company Name:E / M CO. DIV OF MORGAN CHEMICAL PRODUCTS INC

Address:100 COOPER CIR

Box:3969

City:PEACHTREE CITY

State:GA

ZIP:30269

Country:US

Phone:770-261-4835 / FAX: 770-631-0833

Contract Num:SP0450-00-M-C108

CAGE:8F024

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Composition/Information on Ingredients  
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Ingred Name:MOLYBDENUM DISULFIDE (CONCENTRATION-TRADE SECRET)

CAS:131

7-33-5  
RTECS #:QA4697000  
Fraction by Wt: SECRET  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG MO/M3  
ACGIH TLV:10 MG MO/M3

Ingred Name:INORGANIC LEAD COMPOUND  
CAS:12141-20-7  
&lt; Wt:10.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.05 MG PB/M3  
ACGIH TLV:0.15 MG PB/M3

Ingred Name:INORGANIC ANTIMONY COMPOUND (SARA 313) (CERCLA)  
CAS:1309-64-4  
RTECS #:CC5650000  
&lt; Wt:10.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 MG (SB)/M3  
ACGIH TLV:0.5 MG (SB)/M3; 9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:100  
0 LBS

Ingred Name:METHYL ETHYL KETONE (SARA 313) (CERCLA)  
CAS:78-93-3  
RTECS #:EL6475000  
&lt; Wt:10.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM  
OSHA STEL:885 MG/M3  
ACGIH TLV:200 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENES (SARA 313) (CERCLA)  
CAS:1330-20-7  
RTECS #:ZE2100000  
&lt; Wt:10.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:100 PPM  
OSHA STEL:655 MG/M3  
ACGIH TLV:100 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:MINERAL SPIRITS (CONCENTRATION-TRADE SE

CRET)  
CAS:8032-32-4  
RTECS #:OI6180000  
Fraction by Wt: SECRET  
Other REC Limits:100 PPM (MFR)  
OSHA PEL:NO LISTING  
ACGIH TLV:NO LISTING

Ingred Name:LIQUEFIED PETROLEUM GAS (LPG)(CONCENTRATION - TRADE SECRET.)

CAS:68476-85-7  
RTECS #:SE7545000  
Fraction by Wt: SECRET  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1000 PPM  
ACGIH TLV:1000 PPM; 9596

Ingred Name:METHYLENE CHLORIDE (SARA 313) (CERCLA)

CAS:75-09-2  
RTECS #:PA8050000  
Minumum % Wt:65.  
Maxumum % Wt:75.  
Other REC Limits:NONE RECOMMENDED  
OSHA  
PEL:500 PPM  
ACGIH TLV:50 PPM, A2; 9596  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) 2000 MG/KG;METHYLENE CL  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS: KIDNEYS, LIVER, CENTRAL  
NERVOUS SYSTEM. ACUTE: EYES: CAN CAUSE IRRITATION, REDNESS, BLURRED  
VISION. SKIN: PROLONGED CONTACT CAN CAUSE IRRITATION, DERMATITIS.  
INHALATION: CAN CAUSE IRRITATION, DIZZINESS, NAUSEA, FATIGUE,  
HEADACHE, UNCONSCIOUSNESS, ASPHYXIATION. INGESTION: CAN CAUSE  
GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.  
Explanation of Carcinogenicity:INORGANIC LEAD COMPOUNDS HAVE POTENTIAL  
TO BIO-ACCUMULATE AND CAUSE LEAD POISONING. CHRONIC OVEREXPOSURE  
FOUND TO CAUSE TARGET ORGAN AND REPRODUCTIVE EFFECTS. IARC LIST AS  
CARCINOGENICITY. ANTIMONY COMPOUNDS ARE LISTED AS

DEFINITE

CARCINOGENIC TO ANIMALS AND INDEFINITE TO HUMANS. METHYLENE CHLORIDE: IARC IS POSSIBLE HUMAN CARCINOGEN-2B.

Effects of Overexposure:EYES: IRRITATION, REDNESS, BLURRED VISION.

SKIN: IRRITATION, DERMATITIS. INHALATION: IRRITATION, DIZZINESS, NAUSEA, FATIGUE, HEADACHE, UNCONSCIOUSNESS, ASPHYXIATION.

INGESTION: GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.

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First Aid Measures  
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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 IMPAIRED, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING, KEEP WARM, GET MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point Method:TCC

Flash Point:82.2C, 180.F

B.P. Text:AS CONCENTRATE

Melt/Freeze Pt:M.P/F.P Text:NOT AVAILABLE

Vapor Pres:NOT AVAILABLE

Spec Gravity:0.995 AS CONCENTRATE

Evaporati

on Rate & Reference:NOT AVAILABLE

Solubility in Water:NIL

Appearance and Odor:GRAY/BLACK LIQUID - ORGANIC SOLVENT ODOR.

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:OPEN FLAME.

Hazardous Decomposition Products:IRRITATING AND/OR TOXIC FUMES

INCLUDING CARBON MONOXIDE, CARBON DIOXIDE, SULFUR DIOXIDE, LEAD SULFIDE AND ANTIMONY COMPOUNDS MAY BE RELEASED.

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===== Toxicological Information =====

Toxicological Information:INORGANIC LEAD COMPOUNDS , CAS# 12141-20-7  
HAVE THE POTENTIAL TO BIO-ACCUMULATE AND CAUSE LEAD POISONING.  
CHRONIC OVER EXPOSURE TO THIS COMPOUND HAS BEEN FOUND TO CAUSE  
TARGET ORGAN AND REPRODUCTIVE EFFECTS. CARCINOGENICITY: IARC=YES,  
NTP=NO, OSHA=NO. ANTIMONY COMPOUNDS IN TESTS WITH LAB ANIMALS  
REPORTED TO CAUSE BENIGN AND MALIGNANT LUNG TUMORS UPON INHALATION  
ABOVE TLV. CARCINOGENICITY: IA  
RC:= YES, NTP=NO, OSHA= NO. (ANIMAL-  
DEFINITE, HUMAN-INDEFINITE). METHYL ETHYL KETONE, CAS# 78-93-3 IS A  
TERATOGEN IN LAB ANIMALS. CARCINOGENICITY: IARC=NO, NTP= NO,  
OSHA=NO.. ( CONTINUED TO ECOLOGICAL FIELD BELOW)

===== Ecological Information =====

Ecological:(CONTINUED FROM TOXICOLOGICAL FIELD ABOVE) MINERAL SPIRITS,  
CAS# 8032-32-4 : CARCINOGENICITY: IARC= NO, NTP= NO, OSHA= NO.  
LPG, CAS#68476-85-7 IS AN ASPHYXIANT. CARCINOGENICITY:  
IARC= NO,  
NTP= NO, OSHA= NO. XYLENE, CAS# 1330-20-7: CARCINOGENICITY: IARC=  
NO, NTP= NO, OSHA= NO. METHYLENE CHLORIDE CAS# 75-09-2: ACUTE ORAL  
RAT LD50= 2000-4000 MG/KG. IS CONSIDERED MODERATELY TOXIC. DERMAL  
RABBIT LD0= 2700MG/KG. A 2-YEAR INHALATION CANCER BIOASSAY SHOWS  
"CLEAR EVIDENCE OF CARCINOGENICITY" IN MICE AND FEMAL RATS.  
CARCINOGENICITY: IARC= YES, NTP= NO, OSHA= NO. (POSSIBLE HUMAN  
CARCINOGEN- 2B.

===== Disposal Considerations =====  
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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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