

E/M CORP SUB OF GREAT LAKES CH -- PERMA-SLIK RAC 10-137

=====  
MSDS Safety Information  
=====

FSC: 9150  
NIIN: 01-380-4470  
MSDS Date: 10/06/1998  
MSDS Num: BWMMK  
Product ID: PERMA-SLIK RAC 10-137  
MFN: 02  
Responsible Party  
Cage: 8F024  
Name: E/M CORP SUB OF GREAT LAKES CHEMICAL CORP  
Address: 2801 KENT STREET, U.S.H  
WY 52  
Box: 2400  
City: WEST LAFAYETTE IN 47906  
Info Phone Number: 317-497-6100  
Emergency Phone Number: 317-497-6100

=====  
Item Description Information  
=====

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

=====  
Ingredients  
=====

Name: \*\*\* PROPRIETARY \*\*\*  
-----

=====  
Health Hazards Data  
=====

LD50 LC50 Mixture: NOT DETERMINED FOR PRODUCT  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: EYES:IRRIT,REDNESS,BLURRED VISION. SKIN:

IRRIT,DERMATITIS

FROM PROLONG CONTACT. INHAL: IRRITATION, DIZZINESS, NAUSEA, FATIGUE, HEADACHE, UNCONSCIOUSNESS. INGEST:GASTROINTESTINGAL IRRITATION, NAUSEA, VOMITING, DIARRHEA. MOLYBDENUM CMPDS:SLIGHTLY IRRIT.ANTIMONY CMPDS:TUMORS IN LAB ANIMALS. GRAPHITE:DUST PNEUMOCONIOSIS. EHTYLACETATE:EYE/RESP TRAC IRRIT,DERM. BUTYL ACETATE: SKIN/EYE IRRIT, MODERATELY T OXIC BY INHAL. MILD ALLERGEA TO HI CONC, NARCOSIS.

Explanation Of Carcinogenicity: PER MSDS:ANTIMONY COMPOUNDS, DEFINITE IN

ANIMALS; INDFINITE IN HUMANS.

Signs And Symptions Of Overexposure: EYES:IRRIT, REDNESS, BLURRED VISION.

SKIN:IRRIT, DERM. INHAL:IRRIT, DIZZINESS, NAUSEA, FATIGUE, HEADACHE, UNCONSCIOUSNESS, ASPHYXIATION. INGEST:GI IRRIT, NAUSEA, VOMITING, DIARRHEA.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MFG.

First Aid: SKIN:WASH WITH SOAP & WATER. EYES:FLUSH W/COPIOUS AMTS OF WATER.

GET MED HELP. INHAL: REMOVE TO FRESH AIR. IF BREATHING IS IMPAIRED GET MED ATTN. INGEST:DO NOT INDU

CE VOMITING. KEEP WARM. GET MED ATTN .

=====  
Handling and Disposal

=====  
Spill Release Procedures: CLEAN SPILL W/ABSORBENT MATERIAL. ELIMINATE IGNITION SOURCES. WEAR GLOVES,GOGGLES, & GAS MASK IF TWA'S ARE EXCEEDED.

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

Handling And Storage Precautions: PROTECT FROM PHYSICAL DAMAGE. STORE IN COOL,

DRY, VENTILATED AREA AWAY FROM ACIDS, ALKALIS, & OPEN FLAMES.

Other Precautions: NONE.

=====  
Fire and Explosion Hazard Information

=====  
Flash Point Method: TCC

Flash Point: =-3.3C, 26.F

Lower Limits: UNKNOWN

Upper Limits: UNKNOWN

Extinguishing Media: CO2, FOAM, DRY CHEMICAL, OR HALON (NOTE:HALON IS ODS)

Fire Fighting Procedures: WEAR SELF-CONTAINED BREA

THING APPARATUS. DO NOT

EXTINGUISH WITH WATER.

Unusual Fire/Explosion Hazard: NONE. TIGHLY CLOSED CONTAINERS MAY EXPLODE FROM HEAT OF FIRE.

=====  
Control Measures

=====  
Respiratory Protection: USE NIOSH APPROVED ORGANIC RESPIRATOR IF TWA/TLV LIMITS ARE EXCEEDED.

Ventilation: LOCAL EXHAUST:TO MAINTAIN LEVELS BELOW TWA LIMITS. MECHANICAL:USE NON-SPARKING EQUIPMENT.

Protective Gloves: CHEMIC

AL RESISTANT GLOVES.

Eye Protection: SAFETY GLASSES OR GOGGLES.

Other Protective Equipment: NONE

Work Hygienic Practices: WASH HANDS AFTER HANDLING.

Supplemental Safety and Health: HEALTH HAZ:N-BUTYL ACETATE:SKIN/EYE  
IRRIT.MODERATELY TOXIC BY INHAL.MILD ALLERGEN TO HI CONC,NARCOSIS.

=====  
Physical/Chemical Properties  
=====

HCC: F2

B.P. Text: 160-260F

Spec Gravity: 9.3 LB/GAL

VOC Grams/Liter: 78

1

Solubility in Water: SLIGHT

Appearance and Odor: GRAY/BLACK LIQUID, ORGANIC SOLVENT ODOR  
=====

Reactivity Data  
=====

Stability Indicator: YES

Stability Condition To Avoid: OPEN FLAMES.

Materials To Avoid: STRONG OXIDIZING AGENTS.

Hazardous Decomposition Products: IRRITATING &/OR TOXIC FUMES INCLUDING OXIDES  
OF CARBON, SULFUR, HYDROGEN SULFIDED & CHLORINE COMPOUNDS MAY BE RELEASED.

Hazardous Po

lymerization Indicator: NO  
=====

Toxicological Information  
=====

Ecological Information  
=====

MSDS Transport Information  
=====

Regulatory Information  
=====

Sara Title III Information: ANTIMONY COMPUNDS ARE SUBJECT TO THE REPORTING  
REQUIREMENT OF SEC 313 OF TITLE III.  
=====

Other Information  
=====

Transportation Information  
=====

Responsible Party Cage: 8F024

Trans I

D NO: 131402  
Product ID: PERMA-SLIK RAC 10-137  
MSDS Prepared Date: 10/06/1998  
Review Date: 09/07/1999  
MFN: 2

Tech Entry NOS Shipping Nm: CONTAINS ETHYL ACETATE, AND N-BUTYL ACETATE.

Net Unit Weight: 6.7 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: CN

Container QTY: 0

Type Of Container: CAN, AEROSOL

Additional Data: THIS MSDS AND TRANSPORTATION IS FOR THE LIQUID LUBRICANT. FOR  
AEROSOL SEE MSDS #CBSNY, SAME NSN.

=====  
Detail DOT Inform  
ation

=====  
DOT PSN Code: GJJ

Symbols: G

DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

Hazard Class: 3

UN ID Num: UN1993

DOT Packaging Group: II

Label: FLAMMABLE LIQUID

Special Provision: T8,T31

Non Bulk Pack: 202

Bulk Pack: 242

Max Qty Pass: 5L

Max Qty Cargo: 60 L

Vessel Stow Req: B

=====  
Detail IMO Information

=====  
IMO PSN Code: HIN

IMO

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o

IMDG Page Number: 3230

UN Number: 1993

UN Hazard Class: 3.2

IMO Packaging Group: I/II

Subsidiary Risk Label: -

EMS Number: 3-07

MED First Aid Guide NUM: T

=====  
Detail IATA Information

=====  
IATA PSN Code: HBV

IATA PSN Modifier: COMPOUND, CLEANING LIQUID, CORROSIVE, SEE CORROSIVE LIQUID,  
N.O.S. (UN 1760)

=====

Detail AFI Information

=====

AFI PSN Code: HBV

AFI PSN Modifier: COMPOUNDS, CLEANING LIQUID, CORROSIVE; SEE CORROSIVE LIQUIDS, N.O.S.

=====

HAZCOM Label

=====

Product ID: PERMA-SLIK RAC 10-137

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: 800-424-9300(CHEMTREC)/317-497-6100

Label Required IND: Y

Date Of Label Review: 09/07/1999

Status Code: C

Label Date: 02/23/1995

Year Procured: 1995

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: FLAMMABLE LIQUID! EYES:IRRIT,REDNESS,BLURRED VISION.SKIN:IRRIT,DERM FROM PROLONGED

G

CONTACT.INHAL:IRRIT,DIZZ,NAU,FATIGUE,HEAD,UNCONSC OR ASPHYXIATION.INGEST:GI IRRIT,NAU,VOMIT,DIARR.MOLYBDENUM CMPDS:SLIGHTLY IRRIT.ANTIMONY CMPDS:TUMORS IN LABANIMALS.GRAPHITE:DUST PNEUMOCONIOSIS.ETHYLACETATE:EYE/RESP TRACT IRRIT,DERM.N-BUTYLACETATE:SKIN/EYE IRRIT,MOD TOXIC,NARCOSIS. TARGET ORGANS:GI & RESP TRACT/SKIN/ EYES. FIRST AID: SKIN:WASH WITH SOAP & WATER. EYES:FLUSH W/COPIOUS AMTS OF WATER. GET MED ATTN. INHAL:REMOVE TO FRESH AIR. IF BREATHING IS IMPAIRED GET MED

ATTN. INGEST:DO NOT INDUCE VOMITING. KEEP  
WAR M. GET MED ATTN.

=====  
Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.