

DOW CORNING CORP -- MOLYKOTE 106 BONDED LUBRICANT -- 9150-00-985-7255

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Product Identification
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Product ID:MOLYKOTE 106 BONDED LUBRICANT

MSDS Date:06/06/1990

FSC:9150

NIIN:00-985-7255

MSDS Number: BVHFW

=== Responsible Party ===

Company Name:DOW CORNING CORP

Address:3901 SOUTH SAGINAW ROAD

Box:997

City:MIDLAND

State:MI

ZIP:48640

Country:US

Info Phone Num:517-496-6000

Emergency Phone Num:

517-496-5900

CAGE:5D028

=== Contractor Identification ===

Company Name:DOW CORNING CORP

Address:3901 S SAGINAW RD

Box:997

City:MIDLAND

State:MI

ZIP:48686-0997

Country:US

Phone:517-496-6000/517-496-6315

CAGE:5D028

Company Name:DOW CORNING CORP

Address:2200 W SALZBURG RD

Box:City:AUBURN

State:MI

ZIP:48611

Country:US

Phone:517-496-4388

CAGE:71984

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Composition/Information on Ingredients
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Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

F

raction by Wt: 26% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:100 PPM/150STEL;9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ALCOHOL (SARA III)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 18% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9394
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:2-ETHOXYETHYL ACETATE (CELLOSOLVE ACETATE) (EGEEA)
CAS:111-15-9
RTECS #:KK8225000
Fraction by Wt: 18% %
Other REC Limits:NONE RE
COMMENDED
OSHA PEL:S,100 PPM
ACGIH TLV:S, 5 PPM; 9394

Ingred Name:MOLYBDENUM DISULFIDE
CAS:1317-33-5
RTECS #:QA4697000
Fraction by Wt: 18% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:5 MG MO/M3
ACGIH TLV:5 MG MO/M3

Ingred Name:BISPHENOL A EPOXY RESIN
CAS:25036-25-3
Fraction by Wt: 9% %
Other REC Limits:NONE RECOMMENDED

Ingred Name:GRAPHITE (NATURAL)
CAS:7782-42-5
RTECS #:MD9659600
Fraction by Wt: 8% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MPPCF; Z-3
ACGIH TLV:2 MG/M3 RDUST; 9394

Ing

red Name:UREA, POLYMER W/FORMALDEHYDE
CAS:9011-05-6
RTECS #:YU1610000
Fraction by Wt: 4% %
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:NOT ESTABLISHED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:DIRECT EYE CONTACT IRRITATES. MAY
CAUSE REDNESS, SWELLING AND SOME CORNEAL INJURY
. MAY CAUSE SKIN
IRRITATION. REPEATED, PROLONGED CONTACT IRRITATES SERIOUSLY; MAY
BURN MILDLY. SHORT VAPOR EXPOSURE MAY INJURE BLOOD, LUNGS, LIVER,
KIDNEYS ANDNERVOUS SYSTEM. ASPIRATION HAZARD.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION, EYE
REDNESS/SWELLING/CORNEAL INJURY, SKIN BURNS, BLOOD INJURY, LIVER
INJURY, KIDNEY INJURY, NERVOUS SYSTEM INJURY, CHEMICAL PNEUMONIA.
Medical Cond Aggravated by Exposure:MAY AGGRAVATE EXISTING EYE, SKIN
AND RESPIRATORY DISORDERS.

===== First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS
OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING.
WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL
ATTENTION. IN HALATION: REMOVE TO FRESH AIR. RESTORE B
REATHING. GET
MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. IF VOMITING
OCCURS, KEEP HEAD BELOW HIPS. GET MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point Method:CC
Flash Point:70.0F,21.1C
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:WATER FOG, DRY CHEMICAL, CARBON DIOXIDE, FOAM
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.

USE WATER

SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND CAN TRAVEL ALONG THE GROUND TO REMOTE IGNITION SOURCES. STATIC ELECTRICITY MAY ACCUMULATE AND IGNITE VAPORS.

===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. EVACUATE AREA. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. CONTAIN SPILL. STOP LEAK IF CAN DO SO WITHOUT RISK. ABSORB LIQUID WITH SUITABLE ABSORBENT MATERIAL. COLLECT FOR DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.
Other Precautions:AVOID SKIN CONTACT. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE. BOND AND GROUND CONTAINERS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING; USE AT ELEVATED TEMPERATURES OR AEROSOL/SPRAY APPLICATIONS MAY REQUIRE ADDED PRECAUTIONS.

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

HCC:F2

Boiling Pt:B.P. Text:NOT GIVEN

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

Vapor Pres:NOT GIVEN
Vapor Density:> 1
Spec Gravity:1.165
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:NEGLIGIBLE
Appearance and Odor:BLACK LIQUID, SOLVENT ODOR
Percent Volatiles by Volume:60 %

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:HEAT, OPEN FLAME
Hazardous Decomposition Products:NITROGEN OXIDES, SULFUR COMPOUNDS,
MOLYBDENUM OXIDES AND TRACES OF
INCOMPLETELY BURNED CARBON PRODUCTS

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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