

DOW CORNING CORP -- MOLYKOTE D 321 R -- 9150-01-380-4235

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Product Identification
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Product ID:MOLYKOTE D 321 R

MSDS Date:06/11/1997

FSC:9150

NIIN:01-380-4235

Status Code:A

MSDS Number: CHWBC

=== Responsible Party ===

Company Name:DOW CORNING CORP

Address:3901 SOUTH SAGINAW ROAD

Box:997

City:MIDLAND

State:MI

ZIP:48686

Country:US

Info Phone Num:517-496-6000/6315/8577 (DISP/TRANS)

Emergency

Phone Num:517-496-5900/800-424-9300(CHEMTREC)

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

Company Name:KURT J LESKER CO

Address:1515 WORTHINGTON AVE

Box:City:CLAIRTON

State:PA

ZIP:15025

Country:US

Phone:412-233

-4200
CAGE:29145

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Composition/Information on Ingredients
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Ingred Name:N-BUTYL ACETATE (CERCLA)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 33%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:150 PPM
ACGIH TLV:150 PPM/200STEL;9596
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:PETROLEUM DISTILLATE/HYDRODESULFURIZED NAPHTHA, HEAVY
..C7-12
CAS:64742-82-1
Fraction by Wt: 30%
Other REC Limits:TWA 100 PPM (MFR)

Ingred Name:MOLYBDENUM DISULFIDE
CAS:1317-33-5
RT
ECS #:QA4697000
Fraction by Wt: 20%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG MO/M3
ACGIH TLV:10 MG MO/M3

Ingred Name:POLY(BUTYLTITANATE)
CAS:9022-96-2
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:100 PPM
ACGIH TLV:S: 50 PPM CEILING

Ingred Name:GRAPHITE, NATURAL
CAS:7782-42-5
RTECS #:MD9659600
Fraction by Wt: 11%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MPPCF; Z-3
ACGIH TLV:2 MG/M3 RDUST; 9596

Ingred Name:5-NITRO-1,3-BENZENEDICARBOXYLIC ACID,ZINC SALT
CAS:60580-6

1-2

Fraction by Wt: 1%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS: EYE, SKIN, CNS,
RESPIRATOR & GI TRACTS. ACUTE- CAUSES EYE IRRITATION.

PROLONGED/REPEATED SKIN CONTACT CAN CAUSE IRRITATION, DRYNESS.

OVEREXPOSURE BY INHALATI

ON MAY CAUSE IRRITATION, CNS EFFECTS,

UNCONSCIOUSNESS. MAY BE ASPIRATED WHILE SWALLOWING/VOMITING CAUSING
LUNG DAMAGE. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, DRY SKIN, TEARING, BLURRED VISION,

REDNESS, DEFATTING, HEADACHE, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA,
VOMITING, DIARRHEA, UNCONSCIOUSNESS, LOSS OF COORDINATION

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING

DISEASES OF THE EYE, SKIN, RESPIRATORY TRAC

T, CNS MAY HAVE

INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: WASH WITH
SOAP & WATER. EYE: FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS

OPEN. INHALED: MOVE TO FRESH AIR. PROVIDE OXYGEN/CPR IF NEEDED.

ORAL: ONLY INDUCE VOMITING AT THE INSTRUCTIONS OF A PHYSICIAN. CALL
A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYT

HING

BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:CC

Flash Point:FLAMMABL AEROSOL

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE,
FOAM. USE WATER TO COOL FIRE-EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL
CONSIDERABLE DISTANCE TO A SOU

RCE OF IGNITION AND FLASH BACK.
AEROSOL CAN UNDER PRESSURE. MAY BURST OR EXPLODE.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. VENTILATE AREA. PLACE LEAKING CONTAINERS OUTDOORS, IN AN OPEN CONTAINER, AWAY FROM SOURCES OF IGNITION. ALLOW PRESSURE TO DISSIPATE. ABSORB LIQUID WITH NON-FLAMMABLE ABSORBENT MATERIALS AND PLACE IN CONTAINER FOR DISPOSAL.

Neutralizing Agent:NOT RELEVANT

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= Handling and Storage =====

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS IN VENTILATED AREA AWAY FROM IGNITION SOURCES & STRONG OXIDIZING AGENTS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:FLAMMABLE. USE IN WELL VENTILATED AREA/HOOD. AVOID BREATHING VAPORS. DO NOT GET IN EYES, ON SKIN/ON CLOTHING. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. REMOVE CONTAMINATED CLOTHING PROMPTLY. LAUNDRY BEFORE REUSE.

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

Respiratory Protection:IF TLV IS EXCEEDED OR FOR SYMPTOMS OF OVER EXPOSURE, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-SUPPLIED RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NITRILE RUBBER

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE. LAB COAT

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

FORMULA AND/OR PERCENTAGES CHANGED. FOR PREVIOUS FORMULATIONS/CONCENTRATIONS, SEE PNI A, B AND C, SAME NSN. FLASH POINT: 73.40F/23C

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

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HCC:V3

NRC/State Lic Num:NOT RELEVANT

Vapor Density:>1

Spec Gravity:1.07

Appearance and Odor:CHARCOAL GRAY LIQUID - SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, SPARKS, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, INCOMPLETELY BURNED CARBON CMPD, FORMALDEHYDE, NITROGEN OXIDES,

SULFUR AND METAL OXIDES

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

Waste Disposal Methods:TREATMENT, STORAGE, TRANSPORTATION AND DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. REMOVE TO A PERMITTED WASTE DISPOSAL FACILITY. DO NOT INCINERATE AEROSOL CAN S.

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