

DOW CORNING CORP -- MOLYKOTE(R) Z POWDER -- 6810-00-816-1025

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Product Identification  
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Product ID:MOLYKOTE(R) Z POWDER

MSDS Date:03/16/1988

FSC:6810

NIIN:00-816-1025

MSDS Number: BYXKG

=== 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

Emergency Phone Num:517-496-5900/800-4

24-9300(CHEMTREC)

Preparer's Name:JACK L. SHENEGER

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:MOLYBDENUM DISULFIDE (MOLYKOTE)

(R) Z POWDER)  
CAS:1317-33-5  
RTECS #:QA4697000  
Fraction by Wt: 100%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG MO/M3  
ACGIH TLV:5 MG MO/M3

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYE:MAY CAUSE TEMPORARY DISCOMFORT.  
SKIN:SINGLE,PROLONGED EXPO CAUSES NO KNOWN ADVERSE EFFECT  
. INHAL:NO  
IRRIT OF NOSE OR THROAT EXPECTED. NO INJURY IS LIKELY FROM  
RELATIVELY SHORT EXPOSURE. ORAL:AMTS TRANSFERRED TO MOUTH BY  
FINGERS,ETC DURING NORMAL OPERATIONS SHOULD NOT CAUSE INJURY.  
COMMENTS:NO KNOWN ADVERSE (SUPPLE)  
Explanation of Carcinogenicity:PER MSDS:NOT CARCINOGENS IDENTIFIED IN  
MSDS.  
Effects of Overexposure:TEMPORARY EYE DISCOMFORT.  
Medical Cond Aggravated by Exposure:WE (DOW CORNING) DO NOT KNOW OF ANY  
MED CONDITIONS THAT MIGHT BE AGGRAVATED BY EXPOSU  
RE TO THIS  
PRODUCT.

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

First Aid:EYE:FLUSH W/WATER. SKIN:WIPE OFF & FLUSH W/WATER.  
INHAL:OBTAIN IMMED MED ATTN. ORAL:NO PROBLEM. COMMENTS:NONE.

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

Flash Point Method:OC  
Flash Point:NONE  
Autoignition Temp:Autoignition Temp Text:N/DETR  
Lower Limits:N/DETERMINED  
Upper Limits:N/DETERMINED  
Extinguishing Media:WATER FOG, DRY CHEMICAL, FOAM.  
Fire Fighting Proce

dures:SELF-CONTAINED BREATHING APPARATUS &  
PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING  
CHEMICALS.

Unusual Fire/Explosion Hazard:NOT APPLICABLE.

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

Spill Release Procedures:SWEEP UP MATL TO COLLECT & CONTAIN FOR SALVAGE  
OR DISPOSAL. DOT/EAP SPILL REPORTING INFO:HAZ  
SUBSTANCE:NONE,RQ:NA,CONCEN OF HAZ SUBSTANCE:NA,RQ OF PROD:NA.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE PROPER PROTECTION-SAF GLASSES AS  
MIN.AVOID SKIN COTNACT BY USING IMPERV PROT CLOTH;RUBB/PLASTIC  
GLOVES,APRON,BOOTS,ETC.PROTECTIVE GLOVES-MINIMUM.  
Other Precautions:PRECAUTIONS GIVEN IN MSDS ARE FOR ROOM TEMP HNDLG;USE  
@ELEVATED TEMP/AEROSOL/SPRAY APPLICATIONS MAY REQUIRE ADDED  
PRECAUTIONS.USE REASONABLE CARE/CAUTION.PROD GETS IN PORES OF  
SKIN.STRONG SOAP/WASH BR USH MAY IRRIT SKIN WHEN REM  
OVING PROD.

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

Respiratory Protection:USE RESPIRATORY PROTECTION UNLESS LOCAL EXHAUST  
VENTILATION IS ADEQUATE OR AIR SAMPLING DATA SHOW EXPOSURES ARE  
WITHING TLV & PEL GUIDELINES. SUITABLE RESP:DUST TYPE.

Ventilation:LOCAL EXHSUT:NECESSARY TO KEEP AREA CLEAN. MECHANICAL  
(GENERAL):RECOMMENDED.

Protective Gloves:RUBB OR PLASTIC GLOVES.

Eye Protection:USE CHEMICAL WORKER GOGGLES.

Other Protective Equipment:AVOID CONTACT  
BY USING IMPERVIOUS PROTECTIVE  
CLOTHING, RUBB/PLASTIC APRONS,BOOTS,ETC.

Work Hygienic Practices:WASH IMMED UPON ANY DETECTABLE CONTACT.GOOD  
PRAC REQUIRE FROSS AMT OF ANY CHEM BE REMOVE FRM SKIN ASAP,ESP BEF  
EAT/SMOKE

Supplemental Safety and Health

HEALTH HAZ:CHRONIC HELATH EFFECTS BUT UNNECESSARY EXPO TO ANY CHEMICAL  
SHOULD BE AVOIDED.PROD AS W/ANY CHEM MAY ENHANCE ALLERGIC  
CONDITIONS ON CERTAIN PEOPLE. DOW CORNING WARNING CODE:62.

===== Physical/Chemical Prope

rties =====

HCC:N1

Boiling Pt:B.P. Text:N/APPLICABL

Melt/Freeze Pt:M.P/F.P Text:N/APPLICABL

Vapor Pres:N/APPLICAB

Vapor Density:N/APPLICAB

Spec Gravity:4.8 @77F

Evaporation Rate & Reference:LESS THAN 1, ETHER=1

Solubility in Water: