

DOW CORNING CORP -- Z MOLY POWDER -- 6810-00-264-6715

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Product Identification  
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Product ID:Z MOLY POWDER

MSDS Date:02/07/1995

FSC:6810

NIIN:00-264-6715

MSDS Number: CBRYF

=== 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:517-496-5900/800-424-9300(CHEMTR  
EC)

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

CAS:1317-33-5

RTECS #:QA4697000

Fraction by Wt: 99%

Other R

EC Limits:NONE RECOMMENDED

OSHA PEL:5 MG MO/M3

ACGIH TLV:5 MG MO/M3

Ingred Name:SILICA, CRYSTALLINE - QUARTZ

CAS:14808-60-7

RTECS #:VV7330000

Fraction by Wt: 0.3%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:0.1 MG/M3 RDUST;9596

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

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

Health Hazards A

cute and Chronic:EYES:DIRECT CONTACT IRRIT SLIGHTLY

W/REDNESS & SWELLING. SKIN:SINGLE RELATIVELY SHORT EXPO CAUSES NO KNOWN ADVERSE EFFECT.SEVERAL REP/RPOL EXPO(24-48HRS)MAY IRRIT.

INHAL:DUST MAY INJURE RESP SYS. ORAL :SM AMTS TRANSFERRED TO MOUTH BY FINGERS DURING USE,ETC SHOULD NOT INJURE.SWALLOWING LG AMTS MAY INJURE SLIGHTLY.

Explanation of Carcinogenicity:PER MSDS:MATL CONTAINS QUARTZ, IARC GROUP 2A. LISTED BY STATE OF CALIFORNIA PROP 65.

Effects of Overexposure:SLIG

HTLY EYE IRRIT, REDNESS, SWELLING. SKIN IRRIT. INJURE RESP SYSTEM.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:IMMED FLUSH W/WATER FOR 15MINS. SKIN:NO FIRST AID SHOULD BE NEEDED. INHAL:REMOVE TO FRESH AIR.GET MED ATT IF ILL EFFECTS PERSIST. ORAL:GET MED ATTN. COMMENTS:TREAT ACCORDING TO PERSON'S CONDITION & SPECIFICS OF EXPOSURE.

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

Autoignition Temp:Autoignition Temp Text:NA

Lower Limits:NOT DETERMIN

Upper Limits:NOT DETERMIN

Extinguishing Media:WATER,WATER FOG(OR SPRAY), CARBON DIOXIDE, (CO2), DRY CHEMICAL, FOAM.

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

Unusual Fire/Explosion Hazard:STATIC ELECTR MAY ACCUMULATE;IGN SUSPENDED DUST CAUSING EXPLO.BOND/GROUND CNTNRS/EQPMT AS APPROPRIA

TE.ALSO REFER TO STD THAT DESCRIBE APPROP EXPLO PREVENT  
PRACT

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

Spill Release Procedures:DISPO MAY GOVNT REG.OBSERVE ALL APPLICABLE  
LOC/STATE/FED WASTE MANAGEMENT REGS.SWEEPUP/VAC/CONTAIN FOR  
SALVAGE/DISPO.REMOVE IGN SOURCES.USE NONSPARK  
TOOL/EQPMT.DETERMINE:EVACUATE/ISOLATE DEPENDING ON SPEC  
FACTORS.OBSERVE ALL PPE.REPORT REQMTS(SUPPLE)  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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== Handling and Storage =====

Handling and Storage Precautions:USE PROPER VENTI TO AVOID ACCUMULATION  
OF DUST THAT CAN FORM IGN DUST/AIR MIXTURES.USE REASONABLE CARE.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:USE RESP PROT UNLESS ADEQUATE LOC EXHAU VENTI IS  
PROVIDED OR AIR SAMPLING DATA SHOW EXPO ARE WITHIN RECOMMENDED EXPO  
GUIDELINES.INUDSTRIAL HYGIENE PERSONNEL CA  
N ASSIST IN JUDGING

ADEQUACY OF EXISTING ENGINEERING CONTROLS.DUST/MIST TYP RESP

Ventilation:LOCAL EXHAUST/GENE VENTILATION:RECOMMENDED.

Protective Gloves:NO SPECIAL PROTECTION NEEDED.

Eye Protection:SAFET GLASSES AS MINIMUM.

Other Protective Equipment:PRECAUTIONS FOR RM TEMP HDNLTG;@ELEVATED  
TEMPS/AEROSOL/SPRAY APPLICATIONS MAY REQUIRE ADDED PRECAUTIONS.

Work Hygienic Practices:USE GOOD HOUSEKEEPING PROCEDURES TO AVOID  
ACCUMULATION OF DUST.WASH @MEALTIME/END OF SHIFT IS ADEQUATE.

Su  
pplemental Safety and Health  
SPILL:MAY APPLY.

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

HCC:N1

Boiling Pt:B.P. Text:NA

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

Decomp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:4.80 @25C

pH:NA

Viscosity:NA

Evaporation Rate & Reference:NP

Solubility in Water:NONE.

Appearance and Odor:FINE POWDER CHARCOAL GRAY COLOR, ODORLESS.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

===== Stability and Reac

tivity Data =====

Stability Indicator/Materials to Avoid: YES

OXIDIZING MATERIALS CAN CAUSE A REACTION.

Stability Condition to Avoid: NONE.

Hazardous Decomposition Products: THERM BREAKDOWN OF PROD DURING  
FIRE/VERY HIGH HEAT CONDITIONS MAY EVOLVE HAZ DECOM  
PROD: QUARTZ, SULFUR OXIDES, METAL OXIDE

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

Waste Disposal Methods: COMPLETE INFO NOT YET AVAILABLE. CALL DOW  
CORNING ENVIRO MGMT 517-496-6315 IF MORE INFO D  
ESIRED. NO  
CERCLA/SEC 313 TOXIC CHEM PRESENT.

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