

Z MOLY-POWDER

MSDS Number

BCYGH

National Stock Number

6810-00-086-3542

Product Name

Z MOLY-POWDER

Manufacturer

DOW CORNING CORP

Product Identification

Product ID:Z MOLY-POWDER

MSDS Date:11/02/1988

FSC:6810

NIIN:00-086-3542

MSDS Number: BCYGH

Responsible Party

DOW CORNING CORP

3901 SOUTH SAGINAW ROAD

MIDLAND , MI 48640

US

Emergency Phone: 517-496-5900

Info Phone: 517-496-6000

Cage: 5D028

Contractor

DOW CORNING CORP

AUBURN, MI 48611

US

517-496-4388

Cage: 71984

Ingredients

MOLYBDENUM DISULFIDE

CAS: 1317-33-5

RTECS: QA4697000

Fraction By Weight: 100%

OSHA PEL10 MG/M3 TDUST (MO)

ACGIH TLV: 10 MG/M3 (MO); 8990

Hazards

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

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

Health Hazards Acute and Chronic:A SINGLE PROLONGED EXPOSURE CAUSES NO KNOWN ADVERSE EFFECT. MAY STAIN SKIN. ORAL- SMALL AMOUNTS TRANSFERRED TO THE MOUTH BY FINGERS DURING USE SHOULD NOT INJURE.

Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS

CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.

Effects of Overexposure:EYES- DIRECT CONTACT MAY CUASE TEMPORARY DISCOMFORT WITH MILD REDNESS AND DRYNESS SIMILAR TO WINDBURN.

Medical Cond Aggravated by Exposure:NONE KNOWN.

First Aid

First Aid:EYES- FLUSH IMMEDIATELY WITH WATER. SKIN- BRUSH OFF AND FLUSH WITH WATER. AVOID HARSH CLEANSERS. USE WATERLESS CLEANER TO REMOVE STAINS AND NOT CAUSE IRRITATION.

Fire Fighting

Flash Point:NONFLAMMABLE
Lower Limits:NONFLAMMABLE
Upper Limits:NONFLAMMABLE
Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Fire Fighting Procedures:SELF-CONTAINED BREATHING APARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS.
Unusual Fire/Explosion Hazard:HAZARDOUS SULFUR OXIDES MAY BE FORMED UNDER FIRE CONDITIONS.

Accidental Release

Spill Release Procedures:SWEEP UP MATERIAL TO COLLECT AND CONTAIN FOR SALVAGE OR DISPOSAL.
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:USE REASONABLE CARE AND CAUTION.
Other Precautions:PRODUCT GETS IN PORES OF SKIN. STRONG SOAP OR WASH BRUSH MAY IRRITATE SKIN WHEN TRYING TO REMOVE PRODUCT.

Exposure Controls

Respiratory Protection:USE RESPIRATORY PROTECTION IF VENTILATION IS INADEQUATE.
Ventilation:LOCAL EXHAUST TO KEEP AREA CLEAN. MECHANICAL EXHAUST RECOMMENDED.
Protective Gloves:RUBBER OR PLASTIC GLOVES.
Eye Protection:SAFETY GLASSES.
Other Protective Equipment:NONE
Work Hygienic Practices:WASH HANDS AFTER HANDLING THIS MATERIAL.
Supplemental Safety and Health
NONE SPECIFIED BY MANUFACTURER.

Chemical Properties

HCC:N1
Boiling Pt:B.P. Text:NOT GIVEN
Melt/Freeze Pt:M.P/F.P Text:2165F,1185C
Vapor Pres:NOT GIVEN
Vapor Density:NOT GIVEN
Spec Gravity:4.8
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:LESS THAN 0.1
Appearance and Odor:VERY LITTLE ODOR, POWDER, BLACK.

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZING MATERIAL.
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:SULFUR OXIDES AND MOLYBDEMUN.

Disposal

Waste Disposal Methods:FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION.

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