

DOW CORNING CORPORATION -- 321 DRY FILM LUBRICANT -- 9150-01-380-4235

=====  
Product Identification  
=====

Product ID:321 DRY FILM LUBRICANT  
MSDS Date:12/19/1995  
FSC:9150  
NIIN:01-380-4235  
MSDS Number: CDCLY  
=== Responsible Party ===  
Company Name:DOW CORNING CORPORATION  
Address:3901 SOUTH SAGINAW ROAD  
City:MIDLAND  
State:MI  
ZIP:48686-5601  
Country:US  
Info Phone Num:517-496-4000/517-496-8577  
Emergency  
Phone Num:517-496-6000/517-496-5900  
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

=====  
Composition/Information on Ingredients  
=====

Ingred Name:MOLYBDENUM DISULFIDE  
CAS:1317-33-5  
RTECS #:QA4697000  
Fraction by Wt: 18%  
OSHA PEL:10 MG/CUM TOTAL DUST  
ACGIH TLV:10 MG/CUM

Ingred Name:GRAPHITE  
CAS:7782-42-5  
RTECS #:MD9659600  
Frac

tion by Wt: 5%  
Other REC Limits:2.5MG/CUM  
OSHA PEL:2 MG/CUM RESP DUST  
ACGIH TLV:2 MG/CUM RESP DUST

Ingred Name:STODDARD SOLVENT (PETROLEUM DISTILLATE), MINERAL SPIRITS  
\*96-3\*

CAS:8052-41-3  
RTECS #:WJ8925000  
Fraction by Wt: 65%  
Other REC Limits:525 MG/CUM  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM

Ingred Name:POLY BUTYL TITANATE \*96-4\*  
CAS:9022-96-2  
Fraction by Wt: 10%

Ingred Name:1,3-BENZENEDICARBOXYLIC ACID, 5-NITRO-, ZINC SALT  
CAS:60580-61-2  
Fraction by Wt: 1%

=====  
Ha  
zards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: MODERATE IRRITATION. SKIN:  
DERMATITIS. INHALATION: NOSE & THROAT IRRITATION, LUNGS & LIVER  
INJURY. INGESTION: INHALATION OF LIQUID WHILE VOMITING CAN INJURE  
LUNGS SERIOUSLY.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION, REDNESS, SWELLING, DEFATTING,  
DROWSINESS.

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

First Aid:EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. SKIN: REMOVE &  
THOROUGHLY WASH W/SOAP & WATER/WATERLESS CLEANSER. INHALATION:  
REMOVE TO FRESH AIR. INGESTION: ONLY INDUCE VOMITING AT  
INSTRUCTIONS OF A PHY SICIAN. NEVER GIVE ANYTHING BY MOUTH TOAN  
UNCONSCIOUS PERSON. OBTAIN MEDICAL ATTENTION IN ALL CASES.  
COMMENTS: TREAT ACCORDING TO PERSON'S CONDITION & SPECIFICS OF  
EXPOSURE.

=====

Fire Fighting Measures =====

Flash Point Method:CC

Flash Point:107.6F

Extinguishing Media:CO2, WATER SPRAY, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WEAR SCBA & PROTECTIVE CLOTHING. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS. DETERMINE NEED TO EVACUATE/ISOLATE AREA ACCORDING TO LOCAL EMERGENCY PLAN.

Unusual Fire/Explosion Hazard:VAPORS >AIR & CAN TRAVEL ALONG GROUND TO DISTANT IGNITION SOURCE. STATIC ELECTRICITY MAY ACCUMULATE & IGNITE VAPORS.

=====

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

Spill Release Procedures:REMOVE IGNITION SOURCES. WEAR APPROPRIATE PERSONAL PROTECTION EQUIPMENT. USE NONSPARKING TOOLS & EQUIPMENT. STORE RAGS, MOPS, ABSORBENT USED DURING CLEANUP ONLY IN APPROPRIATE CONTAINERS/COVERED W/WAT ER. MOP/WIPE/SOAK UP W/ABSORBENT & CONTAIN (SUPP)

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED & AWAY FROM HEAT, SPARKS & OPEN FLAME.

Other Precautions:AVOID EYE & SKIN CONTACT. AVOID BREATHING VAPOR. DON'T TAKE INTERNALLY. THESE PRECAUTIONS ARE FOR HANDLING AT ROOM TEMP. USE AT ELEVATED TEMPS/AEROSOL/SPRAY APPLICATIONS MAY REQUIRE ADDED PRECAUTIONS.

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

Respiratory Protection:WEAR ORGANIC VAPOR TYPE RESPIRATOR UNLESS ADEQUATE LOCAL EXHAUST VENTILATION IS PROVIDED/AIR SAMPLING DATA SHOW EXPOSURES ARE W/IN RECOMMENDED EXP OSURE GUIDELINES.

Ventilation:LOCAL EXHAUST/GENERAL: RECOMMENDED.

Protective Gloves:CHEMICAL RESISTANT, SILVER SHIELD

Eye Protection:SAFETY GLASSES

Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

SPILLS CONT'D: FOR SALVAGE/DISPOSAL. LARGE: DIKE/CONTAIN. CLEAN ANY REMAINING SLIPPERY SURFACES BY SEVERAL MOPPINGS/SWABBINGS W/APPROPRIATE SOLVENTS, WASHING W/MILD CAUSTIC DETERGENT/SOLUTIONS,

HIGH PRESSURE STEAM FOR LARGE AREA. NONSILICONES: USE TYPICAL INDUSTRIAL CLEANING MATERIALS.

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

Spec Gravity:0.97

Appearance and Odor:CHARCOAL GRAY LIQUID W/SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL.

Stability Condition to Avoid:STATIC ELECTRICITY, FIRE & OTHER IGNITION SOURCE.

Hazardous Decomposition Products:BY

FIRE/HIGH HEAT: OXIDES OF

NITROGEN/METAL/SULFUR/CARBON, FORMALDEHYDE, TRACES OF INCOMPLETELY BURNED CARBON COMPOUNDS.

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

Waste Disposal Methods:DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS. IGNITABLE: D001. COMBUSTIBLE LIQUID UN1268.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America

in no manner whatsoever,

expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this

document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.