

DOW CORNING CORP -- 557 SILICONE DRY FILM LUBRICANT -- 9150-01-121-3769

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

Product ID:557 SILICONE DRY FILM LUBRICANT

MSDS Date:05/08/1990

FSC:9150

NIIN:01-121-3769

MSDS Number: BLJMX

=== Responsible Party ===

Company Name:DOW CORNING CORP

Address:3901 SOUTH SAGINAW ROAD

Box:997

City:MIDLAND

State:MI

ZIP:48640

Country:US

Info Phone Num:517-496-5900 OR 517-496-6000

Emergency Phone Num: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

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:MCKEOWN ROBERT CO. INC.

Address:111 CHAMBERS BROOK RD.

Box:City:SOMERVILLE

State:NJ

ZIP:08876

Country:US

Phone:908-218-90

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CAGE:7B953

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Composition/Information on Ingredients  
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Ingred Name:SILOXANES & SILICONES  
CAS:68037-77-4  
Fraction by Wt: >5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) (SARA III)  
CAS:71-55-6  
RTECS #:KJ2975000  
Fraction by Wt: 91%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:350 PPM/450 STEL  
ACGIH TLV:350 PPM/450STEL;9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS  
Ozone Depleting Chemical:1

Ingred Name:1,4-DIOXANE (DIETHYLENE DIOXIDE) (SARA III)  
CAS:123-91-1  
RTECS #:JG8225000  
Fraction by Wt: 3.0%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:S, 100 PPM  
ACGIH TLV:S, 25 PPM; 9293  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:1,2-BUTYLENE OXIDE (SARA III)  
CAS:106-88-7  
RTECS #:EK3675000  
Fraction by Wt: 0.5%  
Other REC Limits:40 PPM  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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Hazards Identification  
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:Y

ES IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE-EYES:IRRITATION,REDNESS.

SKIN:IRRITATION. INHALATION:IRRITATION OF NOSE AND THROAT,  
DIZZINESS. VAPORS MAY INJURE HEART, LUNGS, NERVOUS SYSTEM.

INGESTION:SMALL AMOUNTS, NO EFFECT. INGESTION OF LARGE AMOUNTS MAY  
CAUSE INJURY. ASPIRATION DURING VOMITING CAN CAUSE SERIOUS  
INJURY.CHRONIC:DERMATITIS,HEART ABNORMALITIES

Explanation of Carcinogenicity:DIOXANE AND BUTYLENE OXIDE ADDED TO  
TRICHLOROETHANE ARE LISTED BY N  
TP AS SUSPECT CARCINOGENS BASED ON  
ANIMAL DATA.

Effects of Overexposure:IRRITATION OF NOSE, THROAT, EYES, REDNESS OF  
EYES,DIZZINESS, VOMITING. DEATH MAY OCCUR DUE TO CARDIAC ARREST  
UPON REPEATED EXPOSURE TO HIGH CONCENTRATIONS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION:REMOVE TO FRESH AIR.IF BREATHING IS IMPAIRED,  
PROVIDE CPR/OXYGEN, GET MEDICAL ATTENTION. EYES:IM  
MEDIATELY FLUSH

WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET  
MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING. WASH SKIN  
WITH SOAP AND WATER. INGESTION:DO NOT INDUCE VOMITING. KEEP WARM.  
GET IMMEDIATE MEDICAL ATTENTION.

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

Flash Point:NONE

Lower Limits:7.5

Upper Limits:15

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR HALON. DO  
NOT EXTINGUISH WITH WATER.

Fire Fighting Procedure

res:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:TOXIC CHLORINE GAS MAY FORM. VAPORS ARE  
HEAVIER THAN AIR AND MAY TRAVE ALONG GROUND TO REMOTE IGNITION  
SOURCES.

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

Spill Release Procedures:WEAR GLOVES,GOGGLES, & GAS MASK IF ABOVE  
TLV.ELIMINATE ALL SOURCES OF IGNITION.CONTAIN FREE MATERIA

L IF

POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM ACIDS,ALKALIS & OPEN FLAMES.PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR

. AVOID CONTACT WITH EYES

AND SKIN. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. DO NOT INCINERATE CANS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/MECHANICAL (NON-SPARKING) EXHAUST TO MAINTAIN PEL/TLV.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

HCC:T4

Boiling Pt:B.P. Text:165F,  
74C

Vapor Pres:100MM

Vapor Density:4.55

Spec Gravity:1.26

Solubility in Water:SLIGHT,