

DOW CORNING CORP -- DOW CORNING 316 SILICONE RELEASE SPRAY -- 6850-01-347-4763

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

Product ID:DOW CORNING 316 SILICONE RELEASE SPRAY

MSDS Date:12/21/1999

FSC:6850

NIIN:01-347-4763

Status Code:A

MSDS Number: CLJCG

=== Responsible Party ===

Company Name:DOW CORNING CORP

Address:3901 S SAGINAW RD

Box:997

City:MIDLAND

State:MI

ZIP:48686-0997

Country:US

Info Phone Num:517

-496-6000/517-496-6315

Emergency Phone Num:517-496-5900

Resp. Party Other MSDS Num.:MSDS NO.: 02065479

Chemtrec Ind/Phone:(800)424-9300

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:MCKEOWN ROBERT CO. INC.

Address:111 CHAMBERS BROOK RD.

Box:City:SOMERVILLE

State:NJ

ZIP:08876

Country:US

Phone:908-218-9000

Contract Num:SP0450-01-M-ZF

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

Ingred Name:HYDROTREATED HEAVY PETROLEUM NAPHTHA
CAS:64742-48-9
Minumum % Wt:40.
Maxumum % Wt:70.
OSHA PEL:400 PPM

Ingred Name:LIQUEFIED PETROLEUM GAS (LPG)
CAS:68476-85-7
RTECS #:SE7545000
Minumum % Wt:30.
Maxumum % Wt:60.
OSHA PEL:1800 MG/M3;1000 PPM
ACGIH TLV:1800 MG/M3;1000 PPM

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

LD50 LC50 Mixture:NOT PROVIDED BY MFR

Health Hazards Acute a

nd Chronic:ACUTE: EYE: SLIGHTLY IRRITATING. SKIN:

NO SIGNIFICANT IRRITATION EXPECTED FROM A SINGLE SHORT-TERM
EXPOSURE. INHALATION: VAPOR MAY IRRITATE NOSE AND THROAT. MAY CAUSE
DROWSINESS, DIZZINESS, CONFUSION, ORLOSS OF COORDINATION.
ASPIRATION OF LIQUID WHILE VOMITING MAY INJURE LUNGS SERIOUSLY.
PROLONGED / REPEATED EXPOSURE: SKIN: DEFATTING, DRYING, SKIN
IRRITATION, AND DERMATITIS. INHALATION: GAS MY SUF FOCATE BY
REDUCING OXYGEN. HIGH CONCENTRATIONS MAY CAUSE CA

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SENSITIZATION. OVER EXPOSURE BY INHALATION MAY INJURE THE NERVOUS
SYSTEM. ORAL:NO KNOWN APPLICABLE INFORMATION.

Explanation of Carcinogenicity:NOT PROVIDED BY MFR

Effects of Overexposure:EYES: IRRITATION. SKIN:DEFATTING, DRYING,
IRRITATION, DERMATITIS. IHALATION: DROWSINESS, DIZZINESS,
CONFUSION, LOSS OF COORDINATION, SUFFOCATION, NERVOUS SYSTEM
EFFECTS..

Medical Cond Aggravated by Exposure:NO KNOWN APPLICABLE INFORMATION.

===== First Aid Measures =

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First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. SKIN:
REMOVE FROM SKIN AND WASH THOROUGHLY WITH SOAP AND WATER OR
WATERLESS CLEANSER. GET MEDICAL ATTENTION IF IRRITATION OR OTHER
ILL EFFECTS DEVELOP OR PERSIST. INHALATION: MOVE TO FRESH AIR. GET
IMMEDIATE MEDICAL ATTENTION. ORAL: GET IMMEDIATE MEDICAL ATTENTION.
ONLY INDUCE VOMITING AT THE INSTRUCTIONS OF A PHYSICIAN. NEVER GIVE
ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. COMMENTS: T
REAT
ACCORDING TO PERSON'S CONDITION AND SPECIFICS OF EXPOSURE.

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

Flash Point:FLAM AEROSOL
Autoignition Temp:Autoignition Temp Text:N/D
Lower Limits:NOT DETERMIN
Upper Limits:NOT DETERMIN
Extinguishing Media:ON LARGE FIRES USE DRY CHEMICAL, FOAM, OR WATER
SPRAY. ON SMALL FIRES USE CARBON DIOXIDE (CO2), DRY CHEMICAL OR
WATER SPRAY. WATER CAN BE USED TO COOL FIRE EXPOSED CONTAINERS.
Fire Fighting Procedures:SELF CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING LARGE FIRES
INVOLVING CHEMICALS. USE WATER SPRAY TO KEEP FIRE EXPOSED
CONTAINERS COOL. DETERMINE THE NEED TO EVACUATE OR ISOLATE THE
AREA ACCORDING TO YOUR LOCAL EMERGENCY PLAN
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY
TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. EVACUATE OR ISOLATE
AREA ACCORDING TO YOUR EMERGENCY PLAN. OBSERVE ALL PERSONAL
PROTECTION EQUIPMENT RECOMMENDATIONS. LOCAL, STATE, AND FEDERAL
LAWS AND REGULATIONS MAY APPLY TO RELEASES AND DISPOSAL OF THIS
MATERIAL, AS WELL AS THOSE MATERIALS AND ITEMS EMPLOYED IN THE
CLEANUP OF RELEASES. FOLLOW ALL FEDERAL AND STATE REGULATIONS.
Neutralizing Agent:NOT PROVIDED BY MFR

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

Handling and Storage Precaut

ions:USE WITH ADEQUATE VENTILATION. AVOID EYE CONTACT. AVOID SKIN CONTACT. AVOID BREATHING VAPOR, MIST, DUST, OR FUMES. KEEP CONTAINER CLOSED. DO NOT TAKE INTERNALLY. CONTENTS UNDER PRESSURE. DO NOT STORE ABOVE 120F/49C OR IN DIRECT SUNLIGHT. STATIC ELECTRICITY WILL ACCUMULATE AND MAY IGNITE VAPORS.
Other Precautions:NPREVENT A POSSIBLE FIRE HAZARD BY BONDING AND GROUNDING OR INERT GAS PURGE. KEEP CONTAINER CLOSED AND AWAY FROM HEAT, SPARKS, AND FLAME.

===== Ex
posure Controls/Personal Protection =====

Respiratory Protection:USE RESPIRATORY PROTECTION UNLESS ADEQUATE LOCAL EXHAUST VENTILATION IS PROVIDED OR AIR SAMPLING DATA SHOW EXPOSURES ARE WITHIN RECOMMENDED EXPOSURE GUIDELINES. INDUSTRIAL HYGIENE PERSONNEL CAN ASSIST IN JUDGING THE ADEQUACY OF EXISTING ENGINEERING CONTROLS. SUITABLE RESPIRATOR: ORGANIC VAPOR/DUST/FUME TYPE.

Ventilation:LOCAL VENTILATION: RECOMMENDED. GENERAL VENTILATION: RECOMMENDED.

Protective G

loves:NITRILE RUBBER, SILVER SHIELD(R), 4H(R), POLYVINYALCOHOL, VITRON(R).

Eye Protection:USE PROPER PROTECTION - SAFETY GLASSES AS A MINIMUM.

Other Protective Equipment:NOT PROVIDED BY MFR

Work Hygienic Practices:WASH AT MEALTIME AND END OF SHIFT. CONTAMINATED CLOTHING AND SHOES SHOULD BE REMOVED AS SOON AS PRACTICAL AND THOROUGHLY CLEANED BEFORE REUSE.

Supplemental Safety and Health
NOT PROVIDED BY MFR

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

HCC:V3

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oiling Pt:B.P. Text:NOT DETERMINED

Melt/Freeze Pt:M.P/F.P Text:NOT DETERMINED

Decomp Temp:Decomp Text:NOT PROVIDED BY MFR

Vapor Pres:NOT DETERMINED

Vapor Density:N/D

Spec Gravity:1.1 @ 25 DEG C

pH:NOT DETERMINED

Viscosity:NOT APPLICABLE-AEROSOL

Evaporation Rate & Reference:NOT PROVIDED BY MFR

Solubility in Water:NOT DETERMINED.

Appearance and Odor:AEROSOL, COLORLESS, SOLVENT ODOR.

Percent Volatiles by Volume:NOT PROVIDED

Corrosion Rate:NOT PROVIDED BY MFR

===== Stability and Re

activity Data =====

Stability Indicator/Materials to Avoid: YES

OXIDIZING MATERIAL CAN CAUSE A REACTION.

Stability Condition to Avoid: NONE

Hazardous Decomposition Products: CARBON DIOXIDES AND TRACES OF INCOMPLETELY BURNED CARBON COMPOUNDS. SILICON DIOXIDE. FORMALDEHYDE.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information: ACUTE TOXICOLOGY DATA FOR PRODUCT: COMPLETE INFORMATION IS

NOT AVAILABLE. COMPONENT TOXICOLOGY INFORMATION:

COMPLETE INFORMATION IS NOT YET AVAILABLE. SPECIAL HAZARD

INFORMATION ON COMPONENTS: NO KNOWN APPLICABLE INFORMATION.

===== Ecological Information =====

Ecological: ENVIRONMENTAL FATE AND DISTRIBUTION: NO SPECIFIC INFORMATION IS AVAILABLE. ENVIRONMENTAL EFFECTS: NO SPECIFIC INFORMATION IS AVAILABLE. FATE AND EFFECTS IN WASTE WATER TREATMENT PLANTS: NO SPECIFIC INFORMATION IS AVAILABLE.

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

Waste Disposal Methods: RCRA HAZARD CLASS (40 CFR 261). MATERIAL, AS RECEIVED, IS A HAZARDOUS WASTE, IF DISPOSED. (D001, IGNITABLE). STATE OR LOCAL LAWS MAY IMPOSE ADDITIONAL REGULATORY REQUIREMENTS REGARDING DISPOSAL. CALL DOW CORNING CORPORATE ENVIRONMENTAL MANAGEMENT 517-496-6315, IF ADDITIONAL INFORMATION IS REQUIRED.

===== MSDS Transport Information =====

Transport Information:

DOT ROAD SHIPMENT INFORMATION (49 CFR

172.101) PROPER SHIPPING NAME: CONSUMER COMMODITY; HAZARD CLASS:

ORM-D; PKG: NOT APPLICABLE. OCEAN SHIPMENT (IMDG): PROPER SHIPPING

NAME: AEROSOLS; HAZARD CLASS: 2 LTD. QTY.; UN 1950; PKG: NOT

APPLICABLE; MARINE POLLUTANT: NOT APPLICABLE. AIR SHIPMENT (ICAO)

PROPER SHIPPING NAME: AEROSOLS, FLAMMABLE; CLASS: 2.1 LTD. QTY.; UN

1950; PKG: NOT APPLICABLE. CALL DOW CORNING TRANSPORTATION,

517-496-8577, IF ADDITIONAL INFORMATION IS REQUIRED

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===== Regulatory Information =====

SARA Title III Information:EPA SARA TITLE III CHEMICAL LISTINGS:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: NONE. SECTION 304
CERCLA HAZARDOUS SUBSTANCES: NONE. SECTION 312 HAZARD CLASS:
ACUTE:YES; CHRONIC: YES; FIRE: YES; P RESSURE: YES; REACTIVE: NO.
SECTION 313 TOXIC CHEMICALS: NONE PRESENT OR NONE PRESENT IN
REGULATED QUANTITIES.

Federal Regulatory Information:CONTENTS OF THIS MSDS COMPLY WITH
THE

OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. TSCA STATUS:
ALL CHEMICAL SUBSTANCES IN THIS MATERIAL ARE INCLUDED ON OR
EXEMPTED FROM LISTING ON THE TSCA I NVENTORY OF CHEMICAL
SUBSTANCES.

State Regulatory Information:CALIFORNIA: WARNING: THIS PRODUCT CONTAINS
THE FOLLOWING CHEMICAL(S) LISTE BY THE STATE OF CALIFORNIA UNDER
THE SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986
(PROPOSITION 65) AS BEING KNOWN TO CAUSE CANCER, BIRTH DEFECTS OR
OTHERRE

PRODUCTIVE HARM:.. NONE KNOWN. MASSACHUSETTS: CAS #
68476-85-7; WT %30.0 - 60.0; LIQUIFIED PETROLEUM GAS (L.P.G.). NEW
JERSEY: CAS #64742-48-9; WT % 40.0 - 70.0; HYDROTREATED HEAVY
PETROLEUM NAPHTHA. CAS # 68476-85-7; WT %: 30.0 - 60.0; LIQUIDFIED
PETROLEUM GAS. CAS # 63146-62-9; WT % 10.0 - 30.0;
POLYDIMETHYLSILOXANE.(CONTD. SEE "OTHER INFO")

===== Other Information =====

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ncies):

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assume responsibility for the suitability of this information to their
particular situation.