

DOW CORNING CORPORATION -- SYLGARD 186 SILICONE ELASTOMER BASE -- 5970-00-163-1153
===== Product Identification =====

Product ID:SYLGARD 186 SILICONE ELASTOMER BASE

MSDS Date:01/17/2000

FSC:5970

NIIN:00-163-1153

Status Code:A

Kit Part:Y

MSDS Number: CLDLP

=== Responsible Party ===

Company Name:DOW CORNING CORPORATION

Address:3901 SOUTH SAGINAW ROAD

Box:997

City:MIDLAND

State:MI

ZIP:48686-0997

Coun

try:US

Info Phone Num:517-496-6000/517-496-6315

Emergency Phone Num:517-496-5900

Resp. Party Other MSDS Num.:02255413

Chemtec 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

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

Ingred Name:NONE PRESENT. THIS IS NOT A HAZARDOUS MATERIAL AS DEFINED
BY T

HE OSHA HAZARD COMMUNICATION STANDARD.

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Hazards Identification
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LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER

Health Hazards Acute and Chronic:ACUTE EFFECTS:EYE: DIRECT CONTACT MAY CAUSE TEMPORARY REDNESS AND DISCOMFORT. SKIN: NO SIGNIFICANT IRRITATION EXPECTED FROM A SINGLE SHORT-TERM EXPOSURE. INHALATION: NO SIGNIFICANT EFFECTS EXPECTED FROM A SINGLE SHORT-TERM EXPOSURE. INHALATION: NO SIGNIFICANT EFFECTS EXPECTED FROM A SINGL

E

SHORT-TERM EXPOSURE. ORAL: LOW INGESTION HAZARD IN NORMAL USE.

Explanation of Carcinogenicity:NO DATA PROVIDED BY MANUFACTURER

Effects of Overexposure:NO KNOWN APPLICABLE INFORMATION

Medical Cond Aggravated by Exposure:NO KNOWN APPLICABLE INFORMATION.

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First Aid Measures
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First Aid:EYE: IMMEDIATELY FLUSH WITH WATER. SKIN: NO FIRST AID SHOULD BE NEEDED. INHALATION: NO FIRST AID SHOULD BE NEEDED. ORAL: NO FIRST AID SHOULD BE NEEDED. C
OMMENTS: TREAT SYMPTOMATICALLY.

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Fire Fighting Measures
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Flash Point Method:CC

Flash Point:>101.1C, 214.F

Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:WATER SPRAY. CARBON DIOXIDE (CO2) DRY CHEMICAL. FOAM. 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. DETERMINE THE NEED TO EVACUATE OR ISOLATE THE AREA ACCORDING TO YOUR LOCAL EMERGE NCY PLAN.

Unusual Fire/Explosion Hazard:NONE.

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Accidental Release Measures
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Spill Release Procedures:WHEN A DECISION IS MADE TO DISCARD THIS MATERIAL, AS RECEIVED, IS IT CLASSIFIED AS A HAZARDOUS WASTE? NO STATE OR LOCAL LAWS MAY IMPOSE ADDITIONAL REGULATORY REQUIREMENTS REGARDING DISPOSAL. CALL DOW CORNING COPORATE ENVIRONMENTAL MANAGEMENT,(51

7)496-6315, IF ADDITIONAL INFORMATION IS REQUIRED.
Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

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Handling and Storage
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Handling and Storage Precautions:USE WITH ADEQUATE VENTILATION. AVOID EYE CONTACT. USE REASONABLE CARE AND STORE AWAY FROM OXIDIZING MATERIALS.

Other Precautions:NO DATA PROVIDED BY MANUFACTURER

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Exposure Controls/Personal Protection
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Respiratory Protection:INHALATION: NO RESPIRATORY PROTECTION SHOULD BE

NEEDED. SUITABLE RESPIRATOR: NONE SHOULD BE NEEDED.

Ventilation:LOCAL VENTILATION: NONE SHOULD BENEEDED. GENERAL VENTILATION: RECOMMENDED.

Protective Gloves:NO SPECIAL PROTECTION NEEDED.

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

Other Protective Equipment:NO DATA PROVIDED BY MANUFACTURER

Work Hygienic Practices:SKIN: WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.

Supplemental Safety and Health

THIS IS A KIT PART. IT CONTAINS SYLGARD 186-1LBK

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REFERENCE

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Physical/Chemical Properties
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HCC:V5

Boiling Pt:>35.C, 95.F

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

Vapor Pres:@25C:NOT DETERMINED

Vapor Density:N/D

Spec Gravity:@25C: 1.11

pH:NOT DETERMINED

Viscosity:120000 CST

Solubility in Water:NOT DETERMINED

Appearance and Odor:VISCOUS LIQUID, COLOR: COLORLESS TO PALE YELLOW,
ODOR: SOME ODOR

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Stability and Reactivity Data
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Stability Indicator/M

aterials to Avoid:YES

OXIDIZING MATERIAL CAN CAUSE A REACTION.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:THERMAL BREAKDOWN OF THIS PRODUCT DURING FIRE OR VERYHIGH HEAT CONDITIONS MAY EVOLVE THE FOLLOWING HAZARDOUS DECOMPOSITION PRODUCTS. CARBON OXIDES AND TRACES OF INCOMPLETELY BURNED CARBON COMPOUNDS.

Conditions to Avoid Polymerization:WILL NOT OCCUR

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

Toxicological Information:ACUTE TOXICOLG

Y DATA FOR PRODUCT: COMPLETE

INFORMATION IS NOT YET 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 DSITRIBUTION: NO SPECIFIC INFORMATION IS AVAILABLE. ENVIRONMENTA EFFECTS: NO SPECIFIC INFORMATION IS AVAILABLE. FATE AND EFFECTS IN WASTE WATER TREATMENT PLAN

TS: NO

SPECIFIC INF ORMATION IS AVAILABLE.

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

Waste Disposal Methods:RCRA HAZARD CLASS (40 CFR 261) WHEN A DECISION IS MADE TO DISCARD THISMATERIAL, AS RECEIVED, IS IT CLASSIFIED AS A HAZARDOUS WASTE? NO STATE OR LOCAL LAWS MAY IMPOSE ADDITIONAL REGULATORY REQUIREMENTS REGARDING DISPOSAL. CALL DOW CORNING CORPORATE ENVIRONMENTAL MANAGEMENT, (517) 496-6315, IF ADDITIO NAL INFORMATION IS REQUIRED.

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

Transport Information:DOT ROA SHIPMENT INFORMATION (49 CFR 172.101):

NOT SUBJECT TO DOT. OCEAN SHIPMENT (IMDG): NOT SUBJECT TO IMDG CODE. AIR SHIPMENT (ICAO): NOT SUBJECT TO ICAO REGULATIONS. CALL DOW CORNING TRANSPORTATIO N, (517) 496-8577, IF MORE INFORMATION IS REQUIRED.

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

SARA Title III Information:SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES:

N

ONE. SECTION 304 CERCLA HAZARDOUS SUBSTANCES: NONE. SECTION 312 HAZARD CLASS: ACUTE: NO, CHRONIC: NO, FIRE: NO, PRESSURE: NO, 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 INVENTORY OF CHEMICAL SUBSTANCES.

State Regulatory Information: CALIFORNIA: WARNING: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED 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 OTHER REPRODUCTIVE HARM: NONE KNOWN. MASSACHUSETTS: NO INGREDIENT REGULATED BY THE MA RIGHT-TO-KNOW LAW PRESENT. PENNSYLVANIA/NEW JERSEY: CAS# 68083-19-2, >60%, DIMETHYL SILOXANE, DIMETHYLVINYL

L-TERMINATED; 68909-20-6, 30-60%, TRIMETHYLATED SILOXANE; 68083-18-1, 5-10% , DIMETHYL, METHYLVINYL SILOXANE, DIMETHYLVINYL-TERMINATED.

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

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