

DOW CORNING CORP -- SYLGARD 182 SILICONE ELASTOMER BASE, (SEE SUPPL) --
5970-01-133-2662

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

Product ID:SYLGARD 182 SILICONE ELASTOMER BASE, (SEE SUPPL)

MSDS Date:02/07/2000

FSC:5970

NIIN:01-133-2662

Status Code:A

Kit Part:Y

MSDS Number: CLRJK

=== Responsible Party ===

Company Name:DOW CORNING CORP

Address:3901 S SAGINAW RD

Box:997

City:MIDLAND

State:MI

ZIP:48686-099

7

Country:US

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

Emergency Phone Num:517-496-5900

Resp. Party Other MSDS Num.:01023934

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

Company Name:MCKEOWN ROBERT CO. INC.

Address:111 CHAMBERS BROOK RD.

Box:City:SOMERVILLE

State:NJ

ZIP:08876

Country:US

Phone:908-218-9000

Contra

ct Num:SP0400-01-A-B6570007
CAGE:7B953
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:SP0400-01-A-B6570013
CAGE:7B953
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:SP0430-01-M-H632
CAGE:7B953

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

Ingred Name:NO HAZARDOUS INGREDIENTS
= Wt:100.

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

Reports of Carcinogenicity:NTP:UNKNOWN IARC:UNKNOWN OSHA:NO
Health Hazards Acute and Chronic:ACUTE EFFECTS: EYES: 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.
ORAL: LOW INGESTION HAZARD IN NORMAL USE. PROLONGED/REPEATED

EXPOSURE EFFECTS: SKIN: NO KNOWN APPLICABLE INFORMATION.
INHALATION: NO KNOWN APPLICABLE INFORMATION. ORAL: NO KNOWN
APPLICABLE INFORMATION.

Effects of Overexposure:NO KNOWN APPLICABLE INFORMATION.
Medical Cond Aggravated by Exposure:NO KNOWN APPLICABLE INFORMATION.

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

First Aid:EYES: IMMEDIATELY FLUSH WITH WATER. SKIN: NO FIRST AID SHOULD
BE NEEDED. INHALATION: NO FIRST AID SHOULD BE NEEDED. ORAL: NO
FIRST AI

D SHOULD BE NEEDED. COMMENTS: TREAT SYMPTOMATICALLY.

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

Flash Point Method:PMCC

Flash Point:=-93.3C, 199.9F

Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:NOT DETERMIN

Upper Limits:NOT DETERMIN

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 EMERGENCY PLAN.

Unusual Fire/Explosion Hazard:NONE. THERMAL BREAKDOWN OF THIS PRODUCT
DURING FIRE OR VERY HIGH HEAT CONDITIONS MAY EVOLVE THE FOLLOWING
HAZARDOUS DECOMPOSITION PRODUCTS. CARBON OXIDES AND TRACES OF
INCOMPLETELY BURNED CARBON COMPOUNDS, SILICON DIOXIDE,
FORMALDEHYDE.

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

==

Spill Release Procedures:DETERMINE WHETHER TO EVACUATE OR ISOLATE THE
AREA ACCORDING TO YOUR LOCAL EMERGENCY PLAN. CLEAN UP REMAINING
MATERIALS FROM SPILL WITH SUITABLE ABSORBANT. CLEAN AREA AS
APPROPRIATE SINCE SOME SILICONE MATERIALS, EVEN IN SMALL
QUANTITIES, MAY PRESENT A SLIP HAZARD. FINAL CLEANING MAY REQUIRE
USE OF STEAM. SOLVENTS, OR DETERGENTS. FOR LARGE SPILLS, PROVIDE
DIKING OR OTHER (CONTD. SEE "OTHER INFO")

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

=====

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

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

Respiratory Protection:THERE ARE NO COMPONENTS WITH WORKPLACE EXPOSURE
LIMITS. INHALATION: NO RESPIRATORY PROTECTION SHOULD BE NEEDED.

Ventilation:LOCAL VENTILATION: NONE SHOULD BE NEEDED. GENERAL
VENTILATION: RECOMMENDED.

Protective Gloves:NO SP

EICAL PROTECTION NEEDED.

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

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

Supplemental Safety and Health

THIS ENTRY DESCRIBES ONE PART OF A TWO PART KIT, SERIAL "CLRJK", SLYGARD 182 SILICONE ELASTOMER BASE. SEE THIS SAME NSN SERIAL "CLRJN", SLYGARD 182 SILICONE ELASTOMER CURING AGENT, FOR SECOND PART KIT DATA.

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

H

CC:V4

Boiling Pt:>35.C, 95.F

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

Vapor Pres:@25C:N/D

Vapor Density:N/D

Spec Gravity:@25C:1.03

pH:NOT DETERMINED

Viscosity:5000 CST

Solubility in Water:NOT DETERMINED

Appearance and Odor:COLORLESS LIQUID, WITH SOME ODOR.

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

Stability Indicator/Materials 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 VERY HIGH HEAT CONDITIONS MAY EVOLVE THE FOLLOWING HAZARDOUS DECOMPOSITION PRODUCTS: CARBON OXIDES AND TRACES OF INCOMPLETELY BURNED CARBON COMPOUNDS. SI

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Toxicological Information:ACUTE TOXICOLOGY DATA FOR PRODUCT: COMPLETE INFORMATION IS NOT YET AVAILABLE. COMPONENT TOXICOLOGY INFORMATION: NO KNOWN APPLICABLE INFORMATION. SPECIA

L HAZARD INFORMATION ON
COMPONENTS:NO KNOWN APPLI CABLE 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. HAZARD PARAMETERS (LC50 OR EC50): ACUTE AQUATIC TOXICITY (MG/L): HIGH: 1 AND 100. ACUTE TERRESTRIAL TOXICITY: HIGH: 100 AND 2000. THIS TABLE CAN BE USED TO CLASSIFY THE ECOTOXICITY OF THIS PRODUCT. PLEASE READ THE OTHER INFORMATION PRESENTED IN THE SECTION CONCERNING THE OVERALL ECOLOGICAL SAFETY OF THIS MATERIAL.

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

Waste Disposal Methods:THIS MATERIAL, AS RECEIVED, IS NOT CLASSIFIED AS A WASTE IF DISCARDED. 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:THIS PRODUCT IS NOT SUBJECT TO DOT. NOT REGULATED. OCEAN SHIPMENT (IMDG) NOT SUBJECT TO IMDG CODE. AIR SHIPMENT (ICAO): NOT SUBJECT TO ICAO REGULATIONS. CALL DOW CORNING TRANSPORTATION, (517) 496-8577 , IF ADDITIONAL INFORMATION IS REQUIRED.

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

SARA Title III Information:SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: NONE. SECTION 304 CERCLA HAZARDOUS SUBSTANCES: XYLENE, CAS # 1330-20-7, WT %: 0.7%. SECTION 312 HAZARD CLASS:ACUTE:NO; CHRONIC: NO; FIRE: NO; PRESSURE: NO; REACTIVE: NO. SECTION 313 TOXIC CHEMICALS: NONE PRESENT OR 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 IN VENTORY OF CHEMICAL SUBSTANCES.

State Regulatory Information:CA: WARNING: PRODUCT CONTAINS FOLLOWING CHEMICALS LISTED BY CA UNDER PROPOSITION 65 AS BEING KNOWN TO CAUSE CANCER, BIRTH DEFECTS, OTHER REPRODUCTIVE HARM. NONE KNOWN.

MASSACHUSETTS : NO INGREDIENT RE GULATED BY MA RIGHT-TO-KNOW LAW PRESENT. N J: CAS # 68083-19-2, WT % >60.0, DIMETHYL SILOXANE, DIMETHYLVINYL-TERM

INATED; CAS # 68988-89-6, WT % 30% - 60%,

DIMETHYLVINYLATED AND TRIMETHYLATED SILICA; C AS # 3555-47-3, WT % 1 % - 5%, TETRA(TRIMETHYLSILOXY) SILANE. PENNSYLVANIA: CAS

#68083-19-2, WT % >6 0.0, DIMETHYL SILOXANE,

DIMETHYLVINYL-TERMINATED; CAS # 68999-89-6, WT % 30% - 60%,

DIMETHYLVINYLATED AND TRIMETHYLATED SILICA.

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

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.