

DOW CORNING CORPORATION -- LDC 7091 SEALANT - GRAY -- 8030-01-448-9339

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Product Identification  
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Product ID:LDC 7091 SEALANT - GRAY  
MSDS Date:01/01/1999  
FSC:8030  
NIIN:01-448-9339  
Status Code:A  
MSDS Number: CJPKL  
=== Responsible Party ===  
Company Name:DOW CORNING CORPORATION  
Address:SOUTH SAGINAW ROAD  
City:MIDLAND  
State:MI  
ZIP:48686  
Country:US  
Info Phone Num:517-496-6000; 517-496-6315  
Eme  
rgency Phone Num:517-496-5900  
Resp. Party Other MSDS Num.:2434334  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:71984

=== Contractor Identification ===  
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

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Composition/Information on Ingredients  
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Ingred Name:CALCIUM CARBONATE  
CAS:471-34-1  
RTECS #:FF9335000  
Minumum % Wt:40.  
Maxumum % Wt:70.  
Other REC Limits:N/K  
OSHA PEL:15 MG/M3  
OSHA STEL:N/K  
AC

GIH TLV:10 MG/M3  
ACGIH STEL:N/K

Ingred Name:METHYLTRIMETHOXYSILANE  
CAS:1185-55-3  
RTECS #:VV4650000  
Minumum % Wt:3.  
Maxumum % Wt:7.  
Other REC Limits:N/K  
OSHA PEL:50 PPM  
OSHA STEL:N/K  
ACGIH TLV:N/K  
ACGIH STEL:N/K

Ingred Name:DIISOPROPOXYTITANIUM BIS(ETHYLACETOACETATE); (DIISOPROPOXY  
DI (ETHYOXYACETOACETYL) TITANATE)  
CAS:27858-32-8  
Minumum % Wt:1.  
Maxumum % Wt:5.  
Other REC Limits:N/K  
OSHA PEL:N/K  
OSHA STEL:N/K  
ACGIH TLV:N/K  
ACGIH STEL:N/K

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on =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYES: DIRECT CONT MAY CAUSE  
MILD IRRIT. SKIN: NO SIGNIFICANT IRRIT EXPECTED FROM SINGLE  
SHORT-TERM EXPOS. INHAL: IRRITATES RESPIRATORY PASSAGES VERY  
SLIGHTLY. VAP OVEREXP MAY CAUSE DROWSINESS. INGEST: LOW INGEST  
HAZARD IN NORMAL USE.CHRONIC: SKIN: REPEATED/PROLONGED EXPOS MAY  
CAUSE IRRIT. INHAL: NO KN  
OWN APPLICABLE INFO. INGEST: REPEATED  
INGEST/SWALLOWING LARGE AMOUNTS MAY INJURE INTERNALLY . THE ABOVE  
LISTED POTENTIAL EFFECTS OF OVEREXP ARE BASED ON ACTUAL DATA,  
RESULTS OF STUDIES PERFORMED UPON SIMILAR COMPOSITION, COMPONENT  
DATA &/OR EXPERT REVIEW OF PROD. PLEASE REFER TO TOXICOLOGICAL  
SECTION FOR DETAILED TOXICOLOGY INFO.  
Effects of Overexposure:NO KNOWN APPLICABLE INFORMATION. SEE HEALTH  
HAZARDS.  
Medical Cond Aggravated by Exposure:NO KNOWN APPLICABLE INFORMATIO

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

First Aid: EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.  
SKIN: NO FIRST AID SHOULD BE NEEDED. FLUSH WITH COPIOUS AMOUNTS OF WATER. SEE MD . INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF ILL EFFECTS PERSIST. INGESTION: GET MEDICAL ATTENTION.  
COMMENTS: TREAT ACCORDING TO PERSON'S CONDITION AND SPECIFICS OF EXPOSURE.

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

Flash Point Method: CC  
Flash Point: N/A - SOLID  
Extinguishing Media: ON LARGE FIRES USE DRY CHEMICAL, FOAM OR WATER SPRAY. ON SMALL FIRES USE CARBON DIOXIDE (CO<sub>2</sub>), DRY CHEMICAL OR WATER SPRAY. WATER CAN BE USED TO COOL FIRE-EXPOSED CONTAINERS.  
Fire Fighting Procedures: WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . DETERMINE THE NEED TO EVACUATE OR ISOLATE THE AREA ACCORDING TO YOUR LOCAL EMERGENCY PLAN. USE WATER SPRAY TO KEEP FIRE-EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard: 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, METAL OXIDES, SILICON DIOXIDE, FORMALDEHYDE.

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

Spill Release Procedures: OBSERVE ALL PERSONAL PROTECTIVE EQUIPMENT RECOMMENDATIONS DESCRIBED IN CONTROL MEASURES SECTION. WIPE UP/SCRAPE UP & CONTAIN FOR SALVAGE/DISP. CLEAN AREA AS APPROPRIATE SINCE SOME SILICONE MATERIALS, EVEN IN SMALL QUANTITIES, MAY PRESENT SLIP HAZARD. FINAL CLEANING MAY REQUIRE USE OF STEAM, SOLVENTS/DETERGENTS. LOCAL, STATE, & FEDERAL LAWS & REGULATIONS MAY APPLY TO RELEASES & DISPOSAL OF THIS MATERIAL, AS WELL AS THOSE MATERIALS & ITEMS EMPLOYED IN (SUPER DAT)

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

Handling and Storage Precautions: USE WADEQUATE VENTILATION. PRODUCT EVOLVES FLAME

MABLE METHYL ALCOHOL WHEN EXPOSED TO WATER/HUMID AIR.  
PROVIDE VENTILATION DURING USE TO CONTROL EXPOSURE WITHIN  
INGREDIENTS SECTION GUIDELINES/USE NIOSH APPROVED  
AIR-SUPPLIED/SCBA. PRODUCT EVOLVED ISOPROPYL ALCOHOL WHEN EXPOSED  
TO WATER/HUMID AIR.

Other Precautions:PROVIDE VENTILATION DURING USE TO CONTROL EXPOSURE  
WITHIN GUIDELINES (SEE INGREDIENTS SECTION) OR USE NIOSH APPROVED  
RESPIRATORY PROTECTION. AVOID BREATHING VAPOR. KEEP CONTAINER  
CLOSED. AVOID EYE CONTACT  
. DO NOT TAKE INTERNALLY. KEEP CONTAINER  
CLOSED AND STORE AWAY FROM WATER OR MOISTURE.

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

Respiratory Protection:USE NIOSH APPROVED SELF-CONTAINED BREATHING  
APPARATUS (SCBA) OR OTHER SUPPLIED-AIR RESPIRATOR. USE RESPIRATORY  
PROTECTION UNLESS ADEQUATE LOCAL EXHAUST VENTILATION IS PROVIDED OR  
AIR SAMPLING DATA SHOW EXPOSURES ARE WITHIN RECOMMENDED EXPOSURE  
GUIDELINES.

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

Protective Gloves:NO SPECIAL PROTECTION NEEDED. WEAR IMPERVIOUS GLOVES

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:ANSI APPROVED EMERGENCY EYEWASH AND DELUGE  
SHOWER .

Work Hygienic Practices:WASHING AT MEALTIME AND END OF SHIFT IS  
ADEQUATE. HYGIENE PERSONNEL CAN ASSIST IN JUDGING THE ADEQUACY OF  
EXISTING ENGINEERING CONTROLS.

Supplemental Safety and Health

SUP DAT: CLEANUP OF RELEASES. YOU WILL NEED TO DE  
TERMINE WHICH FED,

STATE & LOC LAWS & REGS ARE APPLIC. WASTE DISP METH & FED REGS  
SECTIONS OF THIS MSDS PROVIDE INFO REGARDING CERTAIN FED & STATE  
REQS . PERS PROT EQUIP FOR SPILLS: EYE: USE FULL FACE RESP; SKIN:  
WASHING AT MEALTIME & END OF SHIFT IS ADEQ; (OTHER INFO)

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

Vapor Pres:N/A @ 25C

Spec Gravity:1.39 @ 25C

Appearance and Odor:GRAY PASTE, WITH SOME ODOR.

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===== Stability and Reactivity Data

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Stability Indicator/Materials to Avoid: YES

OXIDIZING MATERIALS CAN CAUSE A REACTION. WATER, MOISTURE, OR HUMID AIR  
CAN CAUSE HAZARDOUS VAPORS TO FORM.

Stability Condition to Avoid: NONE.

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

Toxicological Information: ACUTE TOX DATA FOR PROD/COMPONENT TOX INFO:  
COMPLETE INFO NOT YET AVAIL. SPECIAL HAZ INFO ON COMPONENTS: NO  
KNOWN APPLIC INFO. --OTHER INFO: NOTE: PRECS ARE FOR ROOM TEMP  
HNDLG. USE A

T ELEVATED TEMP/A EROSOLSPRAY APPLICATION, MAY REQUIRE  
ADDED PRECS. PHYSICAL/CHEM PROPERTIES: NOTE: THE ABOVE INFO IS NOT  
INTENDED FOR USE IN PREPARING PROD SPECIFICATIONS. CONT MFR BEFORE  
WRITING SPECIFICATIONS. --STATE REGS: PENNSYLVANIA: CALCIUM  
CARBONATE, CAS # 471-34-1, 40-70 WT%; DIMETHYLSILOXANE,  
HYDROXY-TERMINATED, CAS # 70131-67-8, 30-60 WT%;  
POLYDIMETHYLSILOXANE, CAS # 63148-62-9, 10-30 WT%; METHYLTRIMETH  
OXYSILANE, CAS # 1185-55-3, 3-7 WT%.

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

Ecological: ENVIRON FATE & DISTRIBUTION: AIR: THIS PROD IS A SOLID  
CONSISTING OF HIGH MOLECULAR WT SILICONE POLYMER & OTHER SOLID  
MATLS. UNLESS MILLED TO PRDCE DUST/PARTICLES, IT IS UNLIKELY TO  
GIVE RISE TO ATM C ONTAM. WATER: THIS PROD IS A SOLID WHICH IS  
COMPLETELY INSOL IN WATER. AS SPEC GRAV IS >1, IT WILL SINK TO  
BOTTOM OF WATER COURSE. TERESTRIAL ENVIRON: THIS PROD WILL ENTER  
TERRESTRIAL ENVIRON IF, AS CO MPONENT  
OF MUNICIPAL/INDUS SOLID  
WASTE, PROD IS LANDFILLED. IT IS UNLIKELY THAT FURTHER SIGNIFICANT  
TRANSFORMATION OF PROD WILL OCCUR. ECOTOX: TOX TO BACTERIA & EFT ON  
EFFLUENT TREATMENT: THIS PROD IS A SOLID RUBB TYPE (TRANSPORT  
INFO)

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

Waste Disposal Methods: NOT CLASSIFIED AS HAZ WASTE WHEN DISCARDED AS  
RECEIVED. FED HAZ WASTE CODE: N/A. CHARACT WASTE:  
IGNITABLE/CORR/REACTIVE: N/A. TCLP: N/A. STATE/LOC LAWS MA

Y IMPOSE

ADDNL REGULATORY REQS REGARDING DISP. CALL DOW CORNING CORPORATE ENVIRON MANAGEMENT, (517) 496-6315, IF ADDNL INFO IS REQUIRED. DISPOSE O F I/A/W LOC, STATE, & FED REGS .

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MSDS Transport Information  
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Transport Information:DOT ROAD SHIPMENT INFO (49 CFR 172.101). PROPER SHIPPING NAME/HAZ TECHNICAL NAME/HAZ CLASS/UN/NA #/PACKING GROUP: NOT ASSESSED. CALL DOW CORNING TRANSPORTATION, (517) 496-8577, IF ADDNL INFO IS REQUIR E

D. --ECOLOGICAL INFO: MATL WHICH IS UNLIKELY TO HAVE ANY ADVERSE EFT ON BACTERIA. TOX TO AQUATIC ORGANISMS: THIS PROD HAS LOW WATER SOL & SHOULD NOT PRESENT RISK TO AQUATIC ORGANISMS. TOX TO TERRESTR IAL ORGANISMS: THIS PROD IS A SOLID & DOES NOT CONTAIN SIGNIFICANT CONCS OF WATER-SOL CONSTITUENTS THAT MAY BE LEACHED FROM PROD. IT IS THEREFORE NOT LIKELY TO PRESENT DANGER TO TERRESTRIAL ORGANISMS. (SARA REGS)

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Regulatory Information  
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SARA Title III Information:SECTION 302 EXTREMELY HAZ SUBSTANCES/SECTION 304 CERCLA HAZ SUBSTANCES: NONE. SECTION 312 HAZ CLASS: ACUTE: Y; CHRONIC: N; FIRE: N; PRESS: N; REACTIVE: N. (Y=YES; N=NO). SECTION 313 TOX CHEMS: NONE PR ESENT/NONE PRESENT IN REGULATED QTYS. --TRANSPORT INFO: BIOCONC: PROD IS A SOLID WHICH IS NOT SOL IN WATER & IF INGESTED WILL NOT BE ABSORBED. ACCUM IN BODY IS THEREFORE NOT POSS. PERSISTENCE & DEGRAD ATION: DEGRADATION: HIGH MOLECULAR

WT POLYMER WHICH IS AMENABLE TO RECYCLING. PROD IS NOT BIODEGRADABLE. PROD IS REMOVED >80% DURING SEWAGE TREATMENT PROCESS. ECOTOX CLASSIFICATION CRITERIA: ACUTE AQU ATIC TOX (MG/L): HIGH: 1 & 100.

ACUTE TERRESTRIAL TOX: HIGH: 100 & 2000. THISDATA IS ADAPTED FROM "ENVIRON TOX & RISK ASSESSMENT",

ASTM STP 1179, P. 34, 1993. THIS DATA CAN BE USED TO CLASSIFY ECOTOXICITY OF THIS PROD WHEN ECOTOXICITY DA TA IS LISTED ABOVE. PLEASE READ OTHER INFO PRESENTED IN SECTION CON

CERNING OVERALL

ECOLOGICAL SFTY O F THIS MATL.

State Regulatory Information:CALIFORNIA: WARNING: THIS PROD CONTAINS NO CHEMS LISTED BY STATE OF CALIFORNIA UNDER SAFE DRINKING WATER & TOX ENFORCEMENT ACT OF 1986 (PROPOSITION 65) AS BEING KNOWN TO CAUSE CANCER, BIRTH DEFECTS/OT HER REPRO HARM. MASSACHUSETTS: ETHYLENEDIAMINE, CAS # 107-15-3, TRACE WT%. NEW JERSEY: CALCIUM CARBONATE, CAS # 471-34-1, 40-70 WT%; DIMETHYL SILOXANE, HYDROXY-TERMINATED, CAS # 70131-67-8, 30-60

WT%;

POLYDIMETHYLSILOXANE, CAS # 63148-62-9, 10-30 WT%;

METHYLTRIMETHOXYSILANE, CAS# 1185-55-3, 3-7 WT%; DIISOPROPOXY DI

(ETHOXYACETOACETYL) TITANATE, CAS # 27858-32-8, 1-5 WT%.

(TOXICOLOGICAL INFO)

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

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