

MATERIAL SAFETY DATA SHEET

Company Name: DOW CORNING CORP.
Address: SOUTH SAGINAW RD.
City / State / Zip: MIDLAND / MI / 48686
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US-CHEMTREC Phone(II): (703)527-3887
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Vendor Update: 3/29/2001
Date Prepared: 9/27/2002
MSDS Number: 795W ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: DOW CORNING 795 SILICONE BUILDING SEALANT
HMIS Ratings:

Health: Minimal(0)
 Flammability: Minimal(0)
 Instability/Reactivity: Minimal(0)

NFPA Ratings:

Health: Slight(1)
 Flammability: Slight(1)
 Instability/Reactivity: Minimal(0)

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
METHYLTRIMETHOXYSILANE	1515-35-3	1.0-5.0	200 PPM (SKIN) 200 PPM (SKIN)	200 PPM 250 PPM	DOW: 50PPM		
Notes	ALSO SEE METHYL ALCOHOL COMMENTS.						
Other:	THE ABOVE COMPONENTS ARE HAZARDOUS AS DEFINED IN 29 CFR 1910.1200. METHYL ALCOHOL FORMS ON CONTACT WITH WATER OR HUMID AIR. PROVIDE ADEQUATE VENTILATION TO CONTROL EXPOSURES WITHIN GUIDELINES.						

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes: DIRECT CONTACT MAY CAUSE MILD IRRITATION.

Skin: NO SIGNIFICANT IRRITATION EXPECTED FROM A SINGLE SHORT-TERM EXPOSURE. REPEATED OR PROLONGED EXPOSURE MAY CAUSE IRRITATION.

Ingestion: LOW INGESTION HAZARD IN NORMAL USE. REPEATED INGESTION OR SWALLOWING LARGE AMOUNTS MAY INJURE INTERNALLY.

Inhalation: VAPOR OVEREXPOSURE MAY CAUSE DROWSINESS.

Signs and Symptoms of Exposure: NO KNOWN APPLICABLE INFORMATION.

Medical Conditions Aggravated by Exposure: NO KNOWN APPLICABLE INFORMATION.

Other: THE ABOVE LISTED POTENTIAL EFFECTS OF OVEREXPOSURE ARE BASED ON ACTUAL DATA, RESULTS OF STUDIES PERFORMED UPON SIMILAR COMPOSITIONS, COMPONENT DATA AND/OR EXPERT REVIEW OF THE PRODUCT. PLEASE REFER TO SECTION XI FOR THE DETAILED TOXICOLOGY INFORMATION.

IV. FIRST AID MEASURES

Eyes: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES.

Skin: NO FIRST AID SHOULD BE NEEDED.

Ingestion:

GET MEDICAL ATTENTION.

Inhalation: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF ILL EFFECTS PERSIST.

Other: TREAT ACCORDING TO PERSON'S CONDITION AND SPECIFICS OF EXPOSURE.

V. FIRE FIGHTING MEASURES

Flash Point: N/A

Lower Flammability Limit: N/D

Upper Flammability Limit: N/D

Extinguishing Agents: 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.

Unusual Fire or Explosion NONE

Hazards:

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. USE WATER SPRAY TO KEEP FIRE EXPOSED CONTAINERS COOL.

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup: OBSERVE ALL PERSONAL PROTECTION EQUIPMENT RECOMMENDATIONS. WIPE UP OR SCRAPE UP AND CONTAIN FOR SALVAGE OR DISPOSAL. 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. DISPOSE OF SATURATED ABSORBANT OR CLEANING MATERIALS APPROPRIATELY, SINCE SPONTANEOUS HEATING MAY OCCUR. 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. YOU WILL NEED TO DETERMINE WHICH FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS ARE APPLICABLE.

Other: NOTE: SEE SECTION VIII FOR PERSONAL PROTECTIVE EQUIPMENT FOR SPILLS. CALL DOW CORNING CORPORATION, (517) 496-5900, IF ADDITIONAL INFORMATION IS REQUIRED.

VII. HANDLING AND STORAGE

Other: USE WITH ADEQUATE VENTILATION. PRODUCT EVOLVES FLAMMABLE METHYL ALCOHOL WHEN EXPOSED TO WATER OR HUMID AIR. PROVIDE VENTILATION DURING USE TO CONTROL EXPOSURE WITHIN GUIDELINES OR USE AIR-SUPPLIED OR SELF-CONTAINED BREATHING APPARATUS. AVOID EYE CONTACT. AVOID BREATHING VAPOR. KEEP CONTAINER CLOSED. DO NOT TAKE INTERNALLY. USE REASONABLE CARE AND STORE AWAY FROM OXIDIZING MATERIALS. KEEP CONTAINER CLOSED AND STORE AWAY FROM WATER OR MOISTURE.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: USE PROPER PROTECTION – SAFETY GLASSES AS A MINIMUM.

Skin: WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.

Respiratory: GENERAL AND LOCAL EXHAUST VENTILATION IS RECOMMENDED TO MAINTAIN VAPOR EXPOSURES BELOW RECOMMENDED LIMITS. WHERE CONCENTRATIONS ARE ABOVE RECOMMENDED LIMITS AS DETERMINED BY AIR SAMPLING OR ARE UNKNOWN, APPROPRIATE RESPIRATORY PROTECTION SHOULD BE WORN. FOLLOW OSHA RESPIRATOR REGULATIONS (29 CFR 1910.134) AND USE NIOSH/MSHA APPROVED RESPIRATORS. RESPIRATORY PROTECTION RECOMMENDED. PROTECTION PROVIDED BY AIR PURIFYING RESPIRATORS AGAINST EXPOSURE TO ANY HAZARDOUS CHEMICAL IS LISTED. USE A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR UNCONTROLLED RELEASE, EXPOSURE LEVELS ARE UNKNOWN, OR ANY OTHER CIRCUMSTANCE WHERE AIR PURIFYING RESPIRATORS MAY NOT PROVIDE ADEQUATE PROTECTION.

Engineering: LOCAL AND GENERAL VENTILATION: RECOMMENDED.

Other: COMMENTS: PRODUCT EVOLVES FLAMMABLE METHYL ALCOHOL WHEN EXPOSED TO WATER OR HUMID AIR. PROVIDE VENTILATION DURING USE TO CONTROL EXPOSURE WITHIN GUIDELINES OR USE AIR-SUPPLIED OR SELF-CONTAINED BREATHING APPARATUS. NOTE: THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING. USE AT ELEVATED TEMPERATURE OR AEROSOL/SPRAY APPLICATIONS MAY REQUIRE ADDED PRECAUTIONS.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	WHITE
Boiling Point:	N/D
Freezing Point:	N/D
pH:	N/D
Solubility in Water:	N/D
Specific Gravity:	1.52 @ 25°C
Vapor Pressure:	N/D
Vapor Density:	N/D
Physical State:	PASTE
Volatile Content:	N/D

X. STABILITY AND REACTIVITY

Stability: STABLE

Hazardous Polymerization: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

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. SILICON DIOXIDE. QUARTZ. METAL OXIDES. FORMALDEHYDE.

Incompatible Products: OXIDIZING MATERIAL CAN CAUSE A REACTION. WATER, MOISTURE, OR HUMID AIR CAN CAUSE HAZARDOUS VAPORS TO FORM AS DESCRIBED.

Conditions To Avoid: NONE.

XI. TOXICOLOGICAL INFORMATION

Acute Toxicology Data: COMPLETE INFORMATION IS NOT YET AVAILABLE.

Component Toxicology Information: COMPLETE INFORMATION IS NOT YET AVAILABLE.

Special Hazard Information: NO KNOWN APPLICABLE INFORMATION.

XII. ECOLOGICAL INFORMATION

Environmental Fate and Distribution: NO SPECIFIC INFORMATION IS AVAILABLE.

Ecotoxicity: NO SPECIFIC INFORMATION IS AVAILABLE.

Persistence and Degradation: NO SPECIFIC INFORMATION IS AVAILABLE.

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: WHEN A DECISION IS MADE TO DISCARD THIS MATERIAL, AS RECEIVED, IS IT CLASSIFIED AS A HAZAROUS WASTE? NO
STATE OR LOCAL LAWS MAY IMPOSE ADDITIONAL REGULATORY REQUIREMENTS REGARDING DISPOSAL.

XIV. TRANSPORT INFORMATION

D.O.T. Shipping Name: NOT SUBJECT TO DOT

XV. REGULATORY INFORMATION

TSCA Status: ALL CHEMICAL SUBSTANCES IN THIS MATERIAL ARE INCLUDED ON OR EXEMPTED FROM LISTING ON THE TSCA INVENTORY OF CHEMICAL SUBSTANCES.

EPA Sara Title III Chemical Listings: SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: NONE.
SECTION 304 CERCLA HAZARDOUS SUBSTANCES:
CHEMICAL CADMIUM SULFIDE CAS NO. 1306-23-6 .01 % BY WT
SECTION 312 HAZARD CLASS: ACUTE:YES, CHRONIC:NO, FIRE:NO,
PRESSURE:NO, REACTIVE:NO. SECTION 313 TOXIC CHEMICALS: NONE PRESENT
OR NONE PRESENT IN REGULATED QUANTITIES.

Supplemental State Compliance Information:

California: PROP 65 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 AS BEING KNOWN TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:
CHEMICAL CADMIUM SULFIDE CAS NO. 1306-23-6 <.01 % BY WT.
CARCINOGENIC. DEVELOPMENTAL TOXIN. MALE REPRODUCTIVE TOXIN.

Massachusetts: CHEMICAL CARBON BLACK CAS NO. 1333-86-4 <=2.0 % BY WT
CHEMICAL CADMIUM SULFIDE CAS NO. 1306-23-6 <.01 % BY WT

New Jersey: CALCIUM CARBONATE TREATED WITH STEARIC ACID, CAS NO. NONE, WEIGHT: 40.0-70.0%, DIMETHYL SILOXANE, CAS NO.: 70131-67-8, WEIGHT: 15.0 - 40.0% POLYDIMETHYLSILOXANE, CAS NO.: 63148-62-9, WEIGHT: 7.0-13.0%, AMORPHOUS FUMED SILICA, CAS NO.: 112945-52-5, WEIGHT: 3.0-7.0%, METHYLTRIMETHOXYSILANE, CAS NO.: 1185-55-3, WEIGHT: 1.0-5.0%, QUARTZ, CAS NO.: 14808-60-7, WEIGHT: <=0.8. CHEMICAL CARBON BLACK CAS NO. 1333-86-4 <=2.0 % BY WT

Pennsylvania: CALCIUM CARBONATE TREATED WITH STEARIC ACID, CAS NO. NONE, WEIGHT: 40.0-70.0%, DIMETHYL SILOXANE, HYDROXY-TERMINATED CAS NO.: 70131-67-8, WEIGHT: 15.0 - 40.0% POLYDIMETHYLSILOXANE, CAS NO.: 63148-62-9, WEIGHT: 7.0-13.0%, AMORPHOUS FUMED SILICA, CAS NO.: 112945-52-5, WEIGHT: 3.0-7.0%, CHEMICAL CARBON BLACK CAS NO. 1333-86-4 <=2.0 % BY WT

CHEMICAL CADMIUM SULFIDE CAS NO. 1306-23-6 <.01 % BY WT

XVI. OTHER INFORMATION

WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.