

#18468

DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

SILICONE PLUS(TM) CONCRETE & MASONRY SEALANT CAT. 8645
UPC #: 08645

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Dow Corning Corporation	24 Hour Emergency Telephone: (989) 496-5900
South Saginaw Road	Customer Service: (989) 496-6000
Midland, Michigan 48686	Product Disposal Information: (989) 496-5813
	CHEMTREC: (800) 424-9300
MSDS No: 2369966	Current Version: 05/05/95

Generic Description: Silicone elastomer
 Physical Form: Paste
 Color: Gray
 Odor: Some odor
 NFPA Profile: Health 1 Flammability 1 Reactivity 0

Note: NFPA = National Fire Protection Association

SECTION 2. OSHA HAZARDOUS COMPONENTS

CAS Number	Wt%	Component	Exposure Limits
009016459	1	Polyethylene glycol nonylphenol	Observe polyethylene glycol limits. AIHA WEEL: TWA 10 mg/m3.
000109897	.2	Diethylamine	OSHA PEL: TWA 25 ppm. ACGIH TLV-skin: TWA 5 ppm, STEL 15 ppm.

Comments: The above components are hazardous as defined in 29 CFR 1910.1200.

SECTION 3. EFFECTS OF OVEREXPOSURE

Acute Effects

Eye: Direct contact irritates moderately with redness and swelling.

Skin: A single short exposure (less than 24 hours) may irritate. Repeated prolonged contact (24 to 48 hours) may irritate moderately. Product contains Diethylamine, a possible skin sensitizer.

Inhalation: Irritates respiratory passages and eyes very slightly.

Oral: Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may cause digestive discomfort.

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SECTION 3. EFFECTS OF OVEREXPOSURE

Repeated Exposure Effects

Skin: Product contains Diethylamine, a possible skin sensitizer.

Inhalation: None Known.

Oral: None Known.

Special Hazards

This material contains the following components with the special hazards listed below.

Carcinogens

None Known

Teratogens

None Known

Mutagens

None Known

Reproductive Toxins

None Known

Sensitizers

000109897 .2 Diethylamine POSSIBLE SKIN SENSITIZER

Comments: Please read the additional information below.

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.

SECTION 4. FIRST AID MEASURES

Eye: Immediately flush with water for 15 minutes. Get medical attention.

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SECTION 4. FIRST AID MEASURES

Skin: Remove from skin and immediately flush with water for 15 minutes. Get medical attention if irritation or ill effects develop or persist.

Inhalation: No first aid should be needed.

Oral: No first aid should be needed.

Comments: Treat according to person's condition and specifics of exposure.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point (Closed Cup): Not Applicable - Solid.

Autoignition Temperature: Not Determined

Flammability Limits in Air: Not Determined

Extinguishing Media: Carbon dioxide (CO₂). Water. Water fog (or spray). Dry chemical. Foam.

Unsuitable Extinguishing Media: None

Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. If amount is involved, evacuate area.

Unusual Fire Hazards: 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. Nitrogen oxides. Sulfur oxides. Metal oxides. Silicon dioxide. Formaldehyde. Quartz.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Containment/Clean-up: Disposal of collected product, residues, and cleanup materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations. Scrape up and contain for salvage or disposal. Observe all personal protection equipment recommendations described in Sections 5 and 8. Local, state, and federal reporting requirements may apply to spills or releases of this material into the environment. See applicable regulatory compliance information in Section 15.

SECTION 6. ACCIDENTAL RELEASE MEASURES

NOTE: See Section 8 for Personal Protective Equipment for Spills

SECTION 7. HANDLING AND STORAGE

Handling: No special precautions.

Storage: No special precautions. Use reasonable care.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Local exhaust: None should be needed

General Ventilation: Recommended

Personal Protective Equipment For Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.

Suitable Gloves: 4H(R). Silver Shield(R).

Inhalation: No respiratory protection should be needed.

Suitable Respirator: None should be needed.

Personal Protective Equipment For Spills

Eye: Use proper protection - safety glasses as a minimum.

Skin: Wash at mealtime and end of shift. If skin contact occurs, change contaminated clothing as soon as possible and thoroughly flush affected areas with cool water. Chemical protective gloves are recommended.

Inhalation/
Suitable Respirator: No respiratory protection should be needed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary Measures: Avoid eye contact. Avoid skin contact. Use reasonable care.

Comments: None

Note: These precautions are for room temperature handling. Use at elevated temperature, or aerosol/spray applications, may require added precautions.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Paste
Color: Gray
Odor: Some odor
Specific Gravity @ 25C: 1.35
Viscosity: Not Applicable.
Freezing/Melting Point: Not Determined.
Boiling Point: Not Applicable.
Vapor Pressure @ 25C: Not Applicable.
Vapor Density: Not Applicable.
Solubility in Water: None.
pH: Not Applicable.
Volatile content: Not Applicable.

Note: The above information is not intended for use in preparing product specifications. Contact Dow Corning before writing specifications.

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Hazardous Polymerization: Hazardous polymerization will not occur.

Conditions to Avoid: None.

Materials to Avoid: Oxidizing material can cause a reaction.

Comments: None

SECTION 11. TOXICOLOGICAL INFORMATION

OPTIONAL SECTION - Complete information not yet available.

SECTION 12. ECOLOGICAL INFORMATION

OPTIONAL SECTION - Complete information not yet available.

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SECTION 13. DISPOSAL INFORMATION

RCRA Hazard Class (40CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? N

Federal Hazardous Waste Code: NA

Characteristic Waste: Ignitable: NA Corrosive: NA Reactive: NA

TCLP: NA

State or local laws may impose additional regulatory requirements regarding disposal.

NA = Not Applicable

Call Dow Corning Corporate Environmental Management, (517)496-6315, if additional information is required.

SECTION 14. TRANSPORT INFORMATION

DOT Information (49CFR 172.101)

Proper Shipping Name: Not Applicable

Hazard Technical Name: Not Applicable

Hazard Class: Not Applicable

UN/NA Number: Not Applicable

Packing Group: Not Applicable

Call Dow Corning Transportation, (517)496-8577, if additional information is required.

SECTION 15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

TSCA Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

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SECTION 15. REGULATORY INFORMATION
EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances:
000058366 <.1 10,10'- 1.00 LBS RQ
OXYDIPHENOXARSINE

Section 304 CERCLA Hazardous Substances:
027176870 .4 Dodecylbenzene sulfonic acid 1000.00 LB RQ
000109897 .2 Diethylamine 100.00 LB RQ

Section 312 Hazard Class:

Acute: Y
Chronic: Y
Fire: N
Pressure: N
Reactive: N

Y = Yes N = No

Section 313 Toxic Chemicals:

None present or none present in regulated quantities.

Supplemental State Compliance Information

CAS Number	Wt%	Component
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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.

None Known.

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 birth defects or other reproductive harm.

None Known.

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SECTION 15. REGULATORY INFORMATION

Massachusetts

001317653		43	Limestone
000058366	<	.1	10, 10-Oxydiphenoxarsine

New Jersey

001317653		43	Limestone
007732185		16	Water
070131678		36	Dimethyl siloxane, hydroxy-terminated
009016459		1	Polyethylene glycol nonylphenol
None		1	Dimethyl cyclosiloxanes

Pennsylvania

070131678		36	Dimethyl siloxane, hydroxy-terminated
007732185		16	Water
001317653		43	Limestone

SECTION 16. OTHER INFORMATION

Prepared by: Dow Corning Corporation

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.

(R) indicates Registered or Trademark