

Part #
PART # 31397

DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

DOW CORNING(R) 786 MILDEW RESISTANT SILICONE SEALANT - WHITE

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Dow Corning Corporation	"	24 Hour Emergency Telephone:	" (517) 496-5900	"
South Saginaw Road	"	Customer Service:	" (517) 496-6000	"
Midland, Michigan 48686	"	Product Disposal Information:	" (517) 496-5813	"
	"	Transportation Information:	" (517) 496-8577	"
	"	CHEMTREC:	" (800) 424-9300	"

MSDS No: 1708554	Current Version:
1/12/94	

Generic Description: Silicone elastomer
 Physical Form: Paste
 Color: White
 Odor: Acetic acid odor
 NFPA Profile: Health 1 Flammability 1 Reactivity 0

Note: NFPA = National Fire Protection Association

SECTION 2. OSHA HAZARDOUS COMPONENTS

OSHA Number	Wt%	Component	Exposure Limits
4253343	2	Methyltriacetoxysilane	See acetic acid comments.
7631869	11	Silica, amorphous	Observe particulates limits. OSHA PEL: TWA 15 mg/m3 total dust, 5 mg/m3 respirable fraction. ACGIH TLV: TWA 10 mg/m3 total dust.
7689779	2	Ethyltriacetoxysilane	See acetic acid comments.

Comments: Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

SECTION 3. EFFECTS OF OVEREXPOSURE

Acute Effects

Effects: Direct contact irritates moderately with redness and swelling.

Chronic: A single short exposure (less than 24 hours) may irritate. Repeated prolonged contact (24 to 48 hours) may irritate moderately.

DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

DOW CORNING(R) 786 MILDEW RESISTANT SILICONE SEALANT - WHITE

Inhalation: Vapor overexposure may irritate eyes, nose and throat.

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

Repeated Exposure Effects

Skin: None Known.

Inhalation: None Known.

Oral: None Known.

Special Hazards

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

Carcinogens

None Known

Mutagens

None Known

Reproductive Toxicants

None Known

Developmental Toxicants

None Known

Sensitizers

None Known

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.

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SECTION 4. FIRST AID MEASURES
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DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

Page 3

DOW CORNING(R) 786 MILDEW RESISTANT SILICONE SEALANT - WHITE

Eye:	Immediately flush with water for 15 minutes. Get medical attention.	n n n
Skin:	Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.	n n n n
Inhalation:	Remove to fresh air.	n n
Oral:	No first aid should be needed.	n n
Comments:	Treat according to person's condition and specifics of exposure.	n n

SECTION 5. FIRE FIGHTING MEASURES

Flash Point (Closed Cup):	Not Applicable - Solid.	n
Autoignition Temperature:	Not Determined	n n
Flammability Limits in Air:	Not Determined	n n
Extinguishing Media:	Carbon dioxide (CO2). Water. Water fog (or spray). Dry chemical. Foam.	n n n
Insuitable Extinguishing Media:	None	n n n
Fire Fighting Procedures:	Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. If large amount is involved, evacuate area.	n n n n
Unusual Fire Hazards:	None	n n n

Hazardous Decomposition Products:

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Sulfur oxides. Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Iodine compounds. Formaldehyde.

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	n n n n
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MATERIAL SAFETY DATA SHEET

DOW CORNING(R) 786 MILDEW RESISTANT SILICONE SEALANT - WHITE

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.

NOTE: See Section 8 for Personal Protective Equipment for Spills

SECTION 7. HANDLING AND STORAGE

Handling: No special precautions.

Storage: Keep container closed and store away from water or moisture.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls

Local exhaust: Recommended
General Ventilation: Recommended

Personal Protective Equipment For Routine Handling

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

Skin: Washing at mealtime and end of shift is adequate.

Reusable Gloves: No special protection needed.

Inhalation: Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.

Reusable Respirator: Organic Vapor Type

Personal Protective Equipment For Spills

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

Skin: Washing at mealtime and end of shift is adequate.

DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

DOW CORNING(R) 786 MILDEW RESISTANT SILICONE SEALANT - WHITE

Inhalation/

Suitable Respirator: Use respiratory protection unless adequate local exhaust ventilation is provided or air sampling data show exposures are within recommended exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.

Precautionary Measures: Avoid eye contact. Avoid breathing vapor. Keep container closed. Use reasonable care.

Comments: Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines (See Section 2) or use respiratory protection.

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: White
Odor: Acetic acid odor
Specific Gravity @ 25C: 1.04
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.

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MATERIAL SAFETY DATA SHEET

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Conditions to Avoid: None. " " " " " "

Materials to Avoid: Oxidizing material can cause a reaction. " " " " " "

Comments: Water, moisture, or humid air - hazardous vapors form as described in Section 2. " " " " " "

SECTION 11. TOXICOLOGICAL INFORMATION " " " " " "

OPTIONAL SECTION - Complete information not yet available. " " " " " "

SECTION 12. ECOLOGICAL INFORMATION " " " " " "

OPTIONAL SECTION - Complete information not yet available. " " " " " "

SECTION 13. DISPOSAL CONSIDERATIONS " " " " " "

OPTIONAL SECTION - Complete information not yet available. " " " " " "

Call Dow Corning Environmental Mgmt. (517)496-6315, if more information is desired. " " " " " "

SECTION 14. TRANSPORT INFORMATION " " " " " "

DOT Information (49CFR 172.101) " " " " " "

Proper Shipping Name: Not Available " " " " " "

Hazard Technical Name: Not Available " " " " " "

Hazard Class: Not Available " " " " " "

UN Number: Not Available " " " " " "

Packing Group: Not Available " " " " " "

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 " " " " " "

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

EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances:
None

Section 304 CERCLA Hazardous Substances:
None

Section 312 Hazard Class:
Acute: Y
Chronic: N
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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MATERIAL SAFETY DATA SHEET

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007631869 11 Silica, amorphous

New Jersey

070131678 81 Dimethyl siloxane, hydroxy-terminated
004253343 2 Methyltriacetoxysilane
017689779 2 Ethyltriacetoxysilane
063148629 1 Polydimethylsiloxane
007631869 11 SILICA, AMORPHOUS FUMED; #1655

Pennsylvania

070131678 81 Dimethyl siloxane, hydroxy-terminated
007631869 11 Silica, amorphous

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

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