

DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

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DAP(R) DOW CORNING(R) 100% SILICONE SEALANT - CLEAR
UPC#: 00684, 05824, 08641, 08676, 08757

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: 1684019

Current Version: 11/10/94

Generic Description: Silicone elastomer
Physical Form: Paste
Color: Colorless
Odor: Acetic acid 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 |
|------------|-----|------------------------|--|
| 004253343 | 2 | Methyltriacetoxysilane | See acetic acid comments. |
| 007631869 | 8 | Silica, amorphous | OSHA PEL: TWA 15 mg/m3 total dust, 5 mg/m3 respirable fraction. ACGIH TLV: TW A 10 mg/m3 total dust. |
| 017689779 | 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

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.

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.

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SECTION 3. EFFECTS OF OVEREXPOSURE

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

Teratogens

None Known

Mutagens

None Known

Reproductive Toxins

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

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

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.

Inhalation: Remove to fresh air.

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.

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: Silicon dioxide. Carbon oxides and traces of incompletely burned carbon 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 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

(Continued on Page 4)

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: Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

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

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.

Suitable Respirator: Organic Vapor Type

Personal Protective Equipment For Spills

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

Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

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.

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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary Measures: Avoid eye contact. Avoid skin 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: Colorless
Odor: Acetic acid odor
Specific Gravity @ 25C: 1.02
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: Water, moisture, or humid air - hazardous vapors form as described in Section 2.

SECTION 11. TOXICOLOGICAL INFORMATION

OPTIONAL SECTION - Complete information not yet available.

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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/NA 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

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

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SECTION 15. REGULATORY INFORMATION

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 |
|------------|-----|-----------|
|------------|-----|-----------|

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.

Massachusetts

| | | |
|-----------|---|-------------------|
| 007631869 | 8 | Silica, amorphous |
|-----------|---|-------------------|

New Jersey

| | | |
|-----------|----|---------------------------------------|
| 070131678 | 86 | Dimethyl siloxane, hydroxy-terminated |
| 004253343 | 2 | Methyltriacetoxysilane |
| 017689779 | 2 | Ethyltriacetoxysilane |
| 007631869 | 8 | SILICA, AMORPHOUS FUMED; #1655 |

Pennsylvania

| | | |
|-----------|----|---------------------------------------|
| 070131678 | 86 | Dimethyl siloxane, hydroxy-terminated |
| 007631869 | 8 | 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

< End OF MSDS >