

# DOW CORNING CORPORATION MATERIAL SAFETY DATA SHEET

PART NUMBER -  
MSDS - 01-029

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## DOW CORNING(R) 732 MULTI-PURPOSE SEALANT, CLEAR

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION			
Dow Corning Corporation South Saginaw Road Midland, Michigan 48686	24 Hour Emergency Telephone: (517) 496-5900 Customer Service: (517) 496-6000 Product Disposal Information: (517) 496-6315 CHEMTREC: (800) 424-9300		
MSDS No: 01890573		Current Version: 07/11/97	
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	11	Silica, amorphous	Observe particulate limits. OSHA PEL: TWA 15 mg/m <sup>3</sup> total dust, 5 mg/m <sup>3</sup> respirable fraction. ACGIH TLV: TWA 10 mg/m <sup>3</sup> inhalable particulate, 3 mg/m <sup>3</sup> respirable particulate.
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	
<u>Acute Effects</u>	
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.
<u>Repeated Exposure Effects</u>	
Skin:	None Known.
Inhalation:	None Known.
Oral:	None Known.
<u>Special Hazards</u>	
This material contains the following components with the special hazards listed below.	
<u>Carcinogens</u>	
None Known	
<u>Teratogens</u>	
None Known	

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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.

**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 spray. Dry chemical. Foam. Water can be used to cool fire exposed containers.

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.

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: Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements. Wipe up or scrape up and contain for salvage or disposal. Observe all personal protection equipment recommendations described in Sections 5 and 8. 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.

NOTE: See Section 8 for Personal Protective Equipment for Spills.  
Call Dow Corning Corporation, (517)496-5900, if additional information is required.

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**SECTION 7. HANDLING AND STORAGE**

Handling: Use with adequate ventilation. 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. Avoid breathing vapor. Keep container closed. Avoid eye contact.

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.  
Suitable 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.  
Suitable Respirator: Organic Vapor/Dust/Mist Type

Personal Protective Equipment For Spills

Eye: Use proper protection - safety glasses as a minimum.  
Skin: Washing at mealtime and end of shift is adequate.  
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: Colorless  
Odor: Acetic acid odor  
Specific Gravity @ 25C: 1.04  
Viscosity: Not Applicable.  
Freezing/Melting Point: Not Determined.  
Boiling Point: Not Applicable.

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Vapor Pressure @ 25C: Not Applicable.  
Vapor Density: Not Applicable.  
Solubility in Water: Not Determined.  
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. Water, moisture, or humid air can cause hazardous vapors to form as described in Section 2.  
Comments: None

**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 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: 0000

Packing Group: NA

0000 and NA = 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

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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**

<u>CAS Number</u>	<u>Wt%</u>	<u>Component</u>
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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.

**Massachusetts**

007631869	11	Silica, amorphous
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**New Jersey**

070131678	83	Dimethyl siloxane, hydroxy-terminated
004253343	2	Methyltriacetoxysilane
017689779	2	Ethyltriacetoxysilane
007631869	11	SILICA, AMORPHOUS FUMED; #1655

**Pennsylvania**

070131678	83	Dimethyl siloxane, hydroxy-terminated
007631869	11	Silica, amorphous

**SECTION 16. OTHER INFORMATION**

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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.

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