

**DOW CORNING CORPORATION  
MATERIAL SAFETY DATA SHEET**

PART NUMBER - G600-232

MSDS - 01-027

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**DOW CORNING 200(R) FLUID, 500 CST.**

**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) 496-5813  
Transportation Information: (517) 496-8577  
CHEMTREC: (800) 424-9300

MSDS No: 01013238

Current Version: 10/27/94

Generic Description: Silicone  
Physical Form: Liquid  
Color: Colorless  
Odor: Odorless  
NFPA Profile: Health 1 Flammability 1 Reactivity 0

Note: NFPA = National Fire Protection Association

**SECTION 2. OSHA HAZARDOUS COMPONENTS**

<u>CAS Number</u>	<u>Wt%</u>	<u>Component</u>	<u>Exposure Limits</u>
None Known			
Comments: None present. This is not a hazardous material as defined in the OSHA Hazard Communication Standard.			

**SECTION 3. EFFECTS OF OVEREXPOSURE**

Acute Effects

Eye: Direct eye contact may cause temporary discomfort with mild redness and dryness similar to windburn.

Skin: A single prolonged exposure (24 to 48 hours) causes no known adverse effect.

Inhalation: No irritation to eyes and respiratory passages. No injury is likely from relatively short exposures of less than 8 hours.

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

Teratogens

None Known

Mutagens

None Known

Reproductive Toxins

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None Known

Sensitizers

None Known

Comments: When heated to temperatures above 150 degrees C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard; a known skin and respiratory sensitizer; and an irritant to the eyes, nose, throat, skin, and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde. 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.  
Skin: No first aid should be needed.  
Inhalation: No first aid should be needed.  
Oral: No first aid should be needed.  
Comments: Treat symptomatically.

**SECTION 5. FIRE FIGHTING MEASURES**

Flash Point (Closed Cup): > 213.98 DEGREE F / 101.10 DEGREE C  
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. Mop up, or wipe up, or soak up with absorbent and contain for salvage or disposal. For large spills, provide diking or other appropriate containment to keep material from spreading. Clean any remaining slippery surfaces by appropriate techniques, such as: several moppings or swabbings with appropriate solvents; washing with mild, caustic detergents or solutions; or high pressure steam for large areas. For nonsilicones, use typical industrial cleaning materials. Observe any safety precautions applicable to the cleaning material being used. 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.

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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: Washing at mealtime and end of shift is adequate.  
Suitable Gloves: No special protection needed.  
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: Washing at mealtime and end of shift is adequate.  
Inhalation/  
Suitable Respirator: No respiratory protection should be needed.  
Precautionary Measures: Avoid eye 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: Liquid  
Color: Colorless  
Odor: Odorless  
Specific Gravity @ 25C: 0.97  
Viscosity: 500.00 CST  
Freezing/Melting Point: Not Applicable.  
Boiling Point: Not Determined.  
Vapor Pressure @ 25C: Not Determined.  
Vapor Density: Not Determined.  
Solubility in Water: None.  
pH: Not Applicable.  
Volatile content: Not Determined.

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

**SECTION 10. STABILITY AND REACTIVITY**

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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.

**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

Section 312 Hazard Class:

Acute: N

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**

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<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**

No ingredient regulated by MA Right-to-Know Law present.

**New Jersey**

063148629	100	Polydimethylsiloxane
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**Pennsylvania**

063148629	100	Polydimethylsiloxane
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**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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