

IDENTITY: Silicone

Section I – Manufacturer Information

Dow Corning Corporation
South Saginaw Road
Midland, MI 48686

Telephone Number for Information:
(517) 496-6000
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EMERGENCY NUMBER: (517) 496-5900

Section II – Hazard Ingredients/Identity Information

None present. This is not a hazardous material as defined in the OSHA Hazard Communication Standard.

Section III – Physical/Chemical Characteristics

Boiling Point: Not determined
Vapor Pressure: Not determined
Vapor Density: Not determined

Specific Gravity: 0.97
Melting Point: Not applicable
Evaporation Rate:

Solubility in Water: None
Appearance and Odor: Colorless/Odorless

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used): >213.98°F (101.10°C) Flammable Limits: Not determined
LEL: UEL:

Extinguishing Media: Carbon dioxide (CO₂), water, water fog (or spray), dry chemical, foam.

Special Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire and Explosion Hazards: None

Section V – Reactivity Data

Stable or Unstable? Stable
Conditions to Avoid:

Incompatibility (Materials to Avoid): Oxidizing material can cause a reaction.

Hazardous Decomposition or Byproducts: 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, and formaldehyde.

Hazardous Polymerization May Occur or Will Not Occur? Will Not Occur
Conditions to Avoid: None

Section VI – Health Hazard Data

Routes of Entry

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

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

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

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

Carcinogenicity – None known

NTP:

IARC Monographs:

OSHA Regulated:

Health Hazards: When heated to temperatures above 150°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. These 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.

Signs and Symptoms of Exposure:

Medical Conditions Generally Aggravated by Exposure:

Emergency and First Aid Procedure:

Inhalation – No first aid should be needed.

Ingestion – No first aid should be needed

Eyes – Immediately flush with water.

Skin – No first aid should be needed.

Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: 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 steams for large areas.

Waste Disposal Method: Ensure compliance with all federal, state and local regulations.

Precautions to be Taken in Handling and Storing: No special precautions. Use reasonable care.

Other Precautions:

Section VIII – Control Measures

Respiratory Protection: None should be needed.

Ventilation

Local Exhaust: None should be needed.

Mechanical:

Special:

Other: General ventilation is recommended.

Protective Gloves: No special protection needed.

Eye Protection: Use proper protection – safety glasses at a minimum.

Other Protective Clothing or Equipment:

Work/Hygiene Practices:

Section IX – Additional Information

The information provided in this Material Safety Data Sheet represents data from the manufacturer and/or vendor and is accurate to the best of our knowledge. By providing this information, Delta Education LLC makes no guarantee or warranty, expressed or implied, concerning the safe use, storage, handling, precautions, and/or disposal of the products covered or the accuracy of the information contained in this fact sheet. It is the responsibility of the user to comply with local, state, and federal laws and regulations concerning the safe use, storage, handling, precautions, and/or disposal of products covered in this fact sheet.