

3M General Offices  
 3M Center  
 St. Paul, Minnesota 55144-1000  
 612/733-1110  
 Duns No.: 00-617-3082

00-14  
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MATERIAL SAFETY  
 DATA SHEET



**DIVISION:** AUTOMOTIVE TRADES  
**TRADE NAME:**

3M Super Silicone (Black) PART NOS. 08662 and 08664  
**3M I.D. NUMBER:** 62-4900-9909-0 62-5248-1609-7 62-5248-5209-2

**ISSUED:** APRIL 12, 1990  
**SUPERSEDES:** AUGUST 8, 1989  
**DOCUMENT:** 10-5924-5

1. INGREDIENT	C.A.S. NO.	PERCENT	EXPOSURE		LIMITS	
			VALUE	UNIT	TYPE	AUTH
hydroxyterminated polydimethylsiloxane	70131-67-8	80.0 - 90.0	NONE	NONE	NONE	NONE
amorphous silica	7631-86-9	5.0 - 15.0	3	mg/m3	TWA	ACGIH
ethyltriacetoxysilane	17689-77-9	1.0 - 10.0	NONE	NONE	NONE	NONE
methyltriacetoxysilane	4253-34-3	1.0 - 10.0	NONE	NONE	NONE	NONE
dimethyl cyclosiloxanes	69430-24-6	1.0 - 10.0	NONE	NONE	NONE	NONE
carbon black	1333-86-4	< 1.0	3.5	mg/m3	TWA	ACGIH

**SOURCE OF EXPOSURE LIMIT DATA:**

- ACGIH: American Conference of Governmental Industrial Hygienists
- NONE: None Established

**2. PHYSICAL DATA**

**BOILING POINT:**..... N/A  
**VAPOR PRESSURE:**..... < 5.0000 mmHg  
**VAPOR DENSITY:**..... N/A  
**EVAPORATION RATE:**..... < 1.00 Ether = 1  
**SOLUBILITY IN WATER:**..... < 0.10 gm/100 cc  
**SP. GRAVITY:**..... 1.050 Water = 1  
**PERCENT VOLATILE:**..... 0.00 %  
**VOLATILE ORGANICS:**..... N/A  
**pH:**..... N/A  
**VISCOSITY:**..... Paste  
**APPEARANCE AND ODOR:** Black, paste, acetic acid (pungent) odor.

**3. FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:**..... > 250.00 F  
**FLAMMABLE LIMITS - LEL:**..... N/A  
**FLAMMABLE LIMITS - UEL:**..... N/A  
**AUTOIGNITION TEMPERATURE:**... N/D  
**EXTINGUISHING MEDIA:**  
 CO2, foam, dry chemicals, water  
**SPECIAL FIRE FIGHTING PROCEDURES:**  
 Fire fighters should wear a self-contained breathing apparatus when fighting fires involving this material.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
 None.  
**NFPA-HAZARD-CODES:** HEALTH 1 FIRE 0 REACTIVITY 1  
**UNUSUAL REACTION HAZARD:** NONE

**4. REACTIVITY DATA**

**STABILITY:** Stable  
**INCOMPATIBILITY - MATERIALS TO AVOID:**  
 Oxidizing materials can cause a reaction.

Abbreviations: N/D - Not Determined N/A - Not Applicable

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**4. REACTIVITY DATA (continued)**

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**HAZARDOUS POLYMERIZATION:** Will Not Occur  
**HAZARDOUS DECOMPOSITION PRODUCTS:**  
SO<sub>2</sub>, CO, CO<sub>2</sub>, acetic acid and smoke particles when subjected to  
excessive heat or flame.

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**5. ENVIRONMENTAL INFORMATION**

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**SPILL RESPONSE:**  
Ventilate the area. Observe precautions from other sections.  
Collect spilled material. Place in a closed container.

**RECOMMENDED DISPOSAL:**  
Dispose of waste/bulk product in a sanitary landfill. Disposal  
alternative: Incinerate waste/bulk product after mixing with  
flammable material in an industrial or commercial facility. Disposal  
should be in accordance with applicable regulations.

**ENVIRONMENTAL DATA:**  
Volatile Organic Compound (VOC):  
Maximum VOC = N/A.  
Maximum VOC minus Water minus Exempt Solvents = N/A.

**SARA HAZARD CLASS:**  
**FIRE HAZARD:** No **PRESSURE:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

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**6. SUGGESTED FIRST AID**

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**EYE CONTACT:**  
Immediately flush eyes with large amounts of water for at least 10  
minutes. Call a physician.

**SKIN CONTACT:**  
Wash affected area with soap and water.

**INHALATION:**  
Provide fresh air.

**IF SWALLOWED:**  
Call a physician or poison control center.

**OTHER FIRST AID:**  
NONE

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**7. PRECAUTIONARY INFORMATION**

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Use only with adequate ventilation to maintain vapor concentrations  
below recommended exposure limits. Avoid breathing vapors released  
during cure, an acid vapor type respirator is recommended. Avoid  
contact with eyes. Avoid prolonged contact with skin. Wear personal  
protective equipment such as impervious gloves and safety glasses.  
Keep tightly capped when not in use. Keep out of the reach of  
children.

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**7. PRECAUTIONARY INFORMATION (continued)**

**ADDITIONAL EXPOSURE LIMITS**

INGREDIENTS	EXPOSURE LIMITS	
	VALUE	UNIT
amorphous silica	6	mg/m3
carbon black	3.5	mg/m3

**SOURCE OF EXPOSURE LIMIT DATA:**

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration

**8. HEALTH HAZARD DATA**

**EYE CONTACT:** May cause irritation upon direct contact. Product releases acetic acid during cure.

**SKIN CONTACT:** May cause irritation on prolonged contact.

**INHALATION:** Acetic acid vapors which are released during cure may cause severe irritation to the respiratory system and lung tissue.

**INGESTION:** May cause digestive system irritation.

**SECTION CHANGE DATES**

**HEADING** SECTION CHANGED SINCE AUGUST 8, 1989 ISSUE

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The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user.