

3M General Offices
 3M Center
 St. Paul, Minnesota 55144-1000
 612/733 1110

07-66
 9303

Duns No.: 00-617-3082

MATERIAL SAFETY
 DATA SHEET



DIVISION: ADHESIVES, COATINGS AND SEALERS
 TRADE NAME:
 3M Super Silicone (Clear) PART NOS. 08661 and 08663
 3M I.D. NUMBER: 62-5250-1609-3 62-5250-5209-8

ISSUED: APRIL 13, 1989
 SUPERSEDES: APRIL 6, 1989
 DOCUMENT: 10-5923-7

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

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: Clear, paste, acetic acid type (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.
 HAZARDOUS POLYMERIZATION: Will Not Occur

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

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4. REACTIVITY DATA (continued)

HAZARDOUS DECOMPOSITION PRODUCTS:

SO₂, CO, CO₂, acetic acid and smoke particles when subjected to excessive heat or flame.

5. ENVIRONMENTAL INFORMATION

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

6. SUGGESTED FIRST AID

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

7. PRECAUTIONARY INFORMATION

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	TYPE	AUTH
amorphous silica	6	mg/m3	TWA	ACGIH

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists

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

REACTIVITY DATA SECTION CHANGED SINCE APRIL 6, 1989 ISSUE

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

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