

MATERIAL SAFETY 3M  
DATA SHEET 3M Center  
St. Paul, Minnesota  
55144-1000  
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DIVISION: TELECOM SYSTEMS DIVISION

TRADE NAME:

SEALANT FOR FIBRLOK SERIES OPTICAL SPLICING SYSTEMS

ID NUMBER/U.P.C.:

78-8062-8944-9	-	-	-	80-6103-2644-1	00-54007-63818-6
80-6103-2646-6	00-54007-63820-9	80-6103-2648-2	00-54007-63822-3		
80-6105-7868-6	00-54007-71551-1	80-6105-7869-4	00-54007-71552-8		
80-6105-8132-6	00-54007-57042-4	80-6105-8133-4	00-54007-57043-1		
80-6105-8210-0	00-54007-57155-1	80-6105-8282-9	00-54007-57287-9		
80-6105-8283-7	00-54007-57288-6	80-6105-8284-5	00-54007-57289-3		
80-6106-1761-7	00-51138-11584-5	80-6106-1762-5	00-51138-11585-2		
80-6106-1763-3	00-51138-11586-9	80-6106-1764-1	00-51138-11587-6		
80-6107-4780-2	00-54007-91616-1	80-6107-5589-6	00-54007-92202-5		
80-6108-5948-2	00-51138-36456-4	80-6108-6295-7	00-51138-57513-7		
80-6111-5912-2	-	-	-		

ISSUED: July 22, 1999

SUPERSEDES: December 03, 1997

DOCUMENT: 11-2453-6

1. INGREDIENT	C.A.S. NO.	PERCENT
PHENYLMETHYL SILICONE.....	63148-58-3	80.0 - 90.0
HYDROPHOBIC SILICA.....	68611-44-9	10.0 - 20.0

## 2. PHYSICAL DATA

BOILING POINT:..... N/A  
VAPOR PRESSURE:..... N/D  
VAPOR DENSITY:..... N/D  
EVAPORATION RATE:..... N/A  
SOLUBILITY IN WATER:..... nil  
SPECIFIC GRAVITY:..... 1.06 Water=1  
PERCENT VOLATILE:..... N/A  
pH:..... N/A  
VISCOSITY:..... N/D  
MELTING POINT:..... N/D

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

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2. PHYSICAL DATA (continued)  
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APPEARANCE AND ODOR:

Clear transparent gel

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... > 450 F COC

FLAMMABLE LIMITS - LEL:..... N/D

FLAMMABLE LIMITS - UEL:..... N/D

AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

Water spray, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

No unusual fire or explosion hazards are anticipated.

NFPA HAZARD CODES: HEALTH: 0 FIRE: 0 REACTIVITY: 0

UNUSUAL REACTION HAZARD: none

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4. REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Strong Oxidizing Agents.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide.

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5. ENVIRONMENTAL INFORMATION  
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SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Collect spilled material. Clean up

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5. ENVIRONMENTAL INFORMATION (continued)  
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residue with an appropriate solvent such as Methyl Ethyl Ketone.  
Extinguish all ignition sources and ventilate area. Follow the MSDS  
recommendations for the cleanup solvent.

RECOMMENDED DISPOSAL:

Dispose of waste product in a sanitary landfill.

ENVIRONMENTAL DATA:

Not applicable.

REGULATORY INFORMATION:

Volatile Organic Compounds: N/A.

VOC Less H2O & Exempt Solvents: N/D.

U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).

EPCRA 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. Get immediate  
medical attention.

SKIN CONTACT:

Flush skin with large amounts of water. If irritation persists, get  
medical attention.

INHALATION:

No need for first aid is anticipated.

IF SWALLOWED:

Drink two glasses of water. Call a physician.

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7. PRECAUTIONARY INFORMATION  
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EYE PROTECTION:

Avoid eye contact. Wear safety glasses with side shields.

SKIN PROTECTION:

Not applicable.

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7. PRECAUTIONARY INFORMATION (continued)  
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RECOMMENDED VENTILATION:

Not applicable.

RESPIRATORY PROTECTION:

Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:

Wash hands after handling and before eating.

RECOMMENDED STORAGE:

Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
PHENYLMETHYL SILICONE.....	NONE	NONE	NONE	NONE	
HYDROPHOBIC SILICA.....	NONE	NONE	NONE	NONE	

\* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- NONE: None Established

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8. HEALTH HAZARD DATA  
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EYE CONTACT:

Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

SKIN CONTACT:

No adverse health effects are expected from skin contact.

INHALATION:

No adverse health effects are expected from inhalation exposure.

IF SWALLOWED:

No adverse health effects are expected from swallowing.

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SECTION CHANGE DATES  
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HEADING                      SECTION CHANGED SINCE December 03, 1997    ISSUE

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