

MATERIAL SAFETY  
DATA SHEET



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DIVISION: DO-IT-YOURSELF/CONSTRUCTION MARKETS DIV  
TRADE NAME:  
3M FIRE BARRIER 2000+ PREMIUM SILICONE SEALANT

3M ID NUMBER/U.P.C.: 98-0400-2843-7 00-51115-08157-6 98-0400-2844-5 00-51115-08158-8  
98-0400-2845-2 00-51115-08159-0

ISSUED: AUGUST 19, 1996  
SUPERSEDES: JANUARY 25, 1996  
DOCUMENT: 06-8466-2

1. INGREDIENT	C.A.S. NO.	PERCENT
POLYSILOXANE .....	TradeSecret	46.0
CALCIUM CARBONATE TREATED WITH STEARIC ACID .....	None	43.0
DIMETHYL SILOXANE, DIMETHYLVINYLSILOXYTERMINATED .....	68083-19-2	6.0
METHYLTRIMETHOXSILANE .....	1185-55-3	3.0

2. PHYSICAL DATA

BOILING POINT:..... N/A  
 VAPOR PRESSURE:..... N/A  
 VAPOR DENSITY:..... N/A  
 EVAPORATION RATE:..... N/A  
 SOLUBILITY IN WATER:..... N/A  
 SP. GRAVITY:..... 1.34 Water = 1 @ 25C  
 PERCENT VOLATILE:..... N/A  
 pH:..... N/A  
 VISCOSITY:..... N/A  
 MELTING POINT..... N/D  
 APPEARANCE AND ODOR: Gray silicone sealant paste with alcoholic odor.

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A  
 FLAMMABLE LIMITS - LEL:..... N/A  
 FLAMMABLE LIMITS - UEL:..... N/A  
 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

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**3. FIRE AND EXPLOSION HAZARD DATA (continued)**

and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**  
None known.

**NFFA HAZARD CODES:** HEALTH: 1 FIRE: 1 REACTIVITY: 0  
**UNUSUAL REACTION HAZARD:** none

**OSHA FIRE HAZARD CLASS:** Not applicable

**4. REACTIVITY DATA**

**STABILITY:** Stable

**INCOMPATIBILITY - MATERIALS TO AVOID:**  
None known.

**HAZARDOUS POLYMERIZATION:** Will Not Occur

**HAZARDOUS DECOMPOSITION PRODUCTS:**  
THERMAL BREAKDOWN OF THIS PRODUCT DURING FIRE OR VERY HIGH HEAT CONDITIONS MAY EVOLVE THE FOLLOWING HAZARDOUS DECOMPOSITION PRODUCTS:  
SILICONE DIOXIDE; CARBON OXIDES AND TRACES OF INCOMPLETELY BURNED CARBON COMPOUNDS; METAL OXIDES; SULFUR OXIDES; AND FORMALDEHYDE.

**5. ENVIRONMENTAL INFORMATION****SPILL RESPONSE:**

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. In the U.S.A., call (612) 733-1110 or (612) 733-6100 for 24-hour spill assistance. Ventilate area. Collect spilled material. Place in a closed container.

**RECOMMENDED DISPOSAL:**

Dispose of according to the policies/procedures contained in the 3M Waste Management Program Manual and the instructions provided on the Waste Stream Profile Reference Sheet. Consult your Waste Management (RCRA) Coordinator with any questions.

**ENVIRONMENTAL DATA:**

No data available.

**REGULATORY INFORMATION:**

Volatile Organic Compounds: N/A.  
VOC Less H2O & Exempt Solvents: N/A.

Since regulations vary, consult applicable regulations or authorities before disposal.

**EPCRA 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. Get immediate

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**6. SUGGESTED FIRST AID (continued)**

medical attention.

**SKIN CONTACT:**

Wash affected area with soap and water.

**INHALATION:**

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

**IF SWALLOWED:**

Drink two glasses of water. Call a physician.

**7. PRECAUTIONARY INFORMATION****EYE PROTECTION:**

Wear safety glasses with side shields.

**SKIN PROTECTION:**

Avoid prolonged or repeated skin contact.

**VENTILATION PROTECTION:**

Provide sufficient ventilation to maintain emissions below recommended exposure limits.

Methanol is formed on contact of product with water.

**RESPIRATORY PROTECTION:**

Avoid breathing of vapors. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask organic vapor respirator.

**PREVENTION OF ACCIDENTAL INGESTION:**

Wash hands after handling and before eating.

**RECOMMENDED STORAGE:**

Keep container dry. Keep container closed when not in use.

**FIRE AND EXPLOSION AVOIDANCE:**

Not applicable.

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
POLYSILOXANE .....	NONE	NONE	NONE	NONE	
CALCIUM CARBONATE TREATED WITH STEARIC ACID .....	NONE	NONE	NONE	NONE	

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**7. PRECAUTIONARY INFORMATION (continued)**

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
DIMETHYL SILOXANE, DIMETHYLVINYL SILOXYTERMINATED .....	NONE	NONE	NONE	NONE	
METHYLTRIMETHOXYSILANE .....	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:**

- AIHA: American Industrial Hygiene Assoc. Workplace Environmental Exposure Level G
- NONE: None Established

**8. HEALTH HAZARD DATA****EYE CONTACT:**

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

**SKIN CONTACT:**

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

**INHALATION:**

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

Methanol is formed on contact of the product with water or moisture. Excessive inhalation of methanol vapor may cause visual impairment or blindness.

**IF SWALLOWED:**

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions.

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**SECTION CHANGE DATES**

**HEADING**                      **SECTION CHANGED SINCE JANUARY 25, 1996 ISSUE**

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

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