



MATERIAL SAFETY  
DATA SHEET**3M**MSDS: 3M FIRE BARRIER 2001 SILICONE RTV FOAM PART A  
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**3. FIRE AND EXPLOSION HAZARD DATA (continued)****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:**

Not applicable.

**NFPA 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:**

Strong Oxidizing Agents.

**HAZARDOUS POLYMERIZATION:** Will Not Occur**HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon Monoxide and Carbon Dioxide

SILICON DIOXIDE AND TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

**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. Cover with absorbent material. Collect spilled material. Place in a closed container.

**RECOMMENDED DISPOSAL:**

Incinerate in an industrial or commercial facility.

**ENVIRONMENTAL DATA:**

No data available.

**REGULATORY INFORMATION:**

Volatile Organic Compounds: N/D.

VOC Less H2O &amp; Exempt Solvents: N/D.

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

**6. SUGGESTED FIRST AID****EYE CONTACT:**

Immediately flush eyes with large amounts of water. Get immediate medical attention.

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

- SKIN CONTACT:**  
Wash affected area with soap and water.
- INHALATION:**  
No need for first aid is anticipated.
- IF SWALLOWED:**  
No need for first aid is anticipated.

**7. PRECAUTIONARY INFORMATION**

- EYE PROTECTION:**  
Avoid eye contact. Wear safety glasses with side shields.
- SKIN PROTECTION:**  
Avoid prolonged or repeated skin contact.
- VENTILATION PROTECTION:**  
When parts A and B are mixed, the foam generates flammable hydrogen gas during cure. Provide forced air ventilation if the work area has less than 2 cubic feet of free air space for each pound of liquid mixture used.
- RESPIRATORY PROTECTION:**  
Avoid prolonged breathing of vapors. Avoid breathing of dust created by cutting, sanding or grinding.  
  
Use appropriate respiratory protection if processing of the cured foam creates dust.
- PREVENTION OF ACCIDENTAL INGESTION:**  
Wash hands after handling and before eating.
- RECOMMENDED STORAGE:**  
Store at temperatures which are below 80 degrees F (26 degrees C).  
Keep container closed when not in use.
- FIRE AND EXPLOSION AVOIDANCE:**  
See RECOMMENDED VENTILATION above.

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
QUARTZ .....	0.1	mg/m3	TWA	ACGIH	
			as quartz resp. dust		
QUARTZ .....	0.1	mg/m3	TWA	OSHA	
			as quartz resp. dust		

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

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**7. PRECAUTIONARY INFORMATION (continued)**

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
DIMETHYL SILOXANE, DIMETHYLVINYL- TERMINATED .....	NONE	NONE	NONE	NONE	
CATALYST .....	NONE	NONE	NONE	NONE	
DIMETHYL SILOXANE, HYDROXY- TERMINATED .....	NONE	NONE	NONE	NONE	
METAL OXIDE .....	NONE	NONE	NONE	NONE	
PIGMENT .....	NONE	NONE	NONE	NONE	
DISILOXANE .....	NONE	NONE	NONE	NONE	
CYCLOSILOXANE .....	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:**

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

No adverse health effects are expected from inhalation exposure.

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT.

Nervous System Effects: signs/symptoms can include emotional changes, lack of coordination, tremors and sensory loss.

Silicosis: signs/symptoms can include shortness of breath and persistent coughing.

**IF SWALLOWED:**

Irritation of Gastrointestinal Tissues: signs/symptoms can include

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**8. HEALTH HAZARD DATA (continued)**

pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

**CANCER:**

WARNING: Contains a chemical which can cause cancer. (14808-60-7)  
(NTP anticipated human carcinogen, IARC probable human carcinogen 2A,  
Calif. Proposition 65)

**OTHER HEALTH HAZARD INFORMATION:**

Dust created during the cutting, grinding or other processing of the cured foam may cause eye and respiratory system irritation and, on repeated exposure, may lung injury.

Formaldehyde vapor may be formed in trace amounts if the product is heated above 150 degrees C. Formaldehyde is a skin and respiratory sensitizer, an eye, skin and respiratory system irritant, and a potential cancer hazard.

**SECTION CHANGE DATES**

HEADING	SECTION CHANGED SINCE	DECEMBER 3, 1997 ISSUE
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