

MATERIAL SAFETY DATA SHEET

Company Name: 3M COMPANY
Address: 3M CENTER
City / State / Zip: ST. PAUL / MN / 55144
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Vendor Update: 9/16/2011
Date Prepared: 5/25/2012
MSDS Number: CP25WB ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: 3M™ Fire Barrier Sealant
HMIS Ratings:

Health: Moderate(2)
 Flammability: Slight(1)
 Instability/Reactivity: Minimal(0)
 Personal Protective Equipment: See PPE section

NFPA Ratings:

Health: Moderate(2)
 Flammability: Slight(1)
 Instability/Reactivity: Minimal(0)
 Personal Protective Equipment: NONE

Other:

Product Use:
 Intended Use: Fire Protection
 Specific Use: Used as Firestop in buildings
 Specific Physical Form: Paste
 Odor, Color, Grade: Red with negligible odor
 General Physical Form: Solid
 Immediate health, physical, and environmental hazards: May cause severe eye irritation.

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
ZINC BORATE 2335	138265-88-0	15 - 40					
Notes							
Polymer	Trade Secret	10 - 30					
Notes							
SODIUM SILICATE	1344-09-8	10 - 30					
Notes							
Water	Trade Secret	10 - 30					
Notes							
Ethylhexyldiphenyl Phosphate	1241-94-7	3 - 7					
Notes							
Polyethylene Glycol	25322-68-3	1 - 5			AIHA WEEL: 10 mg/m ³ as particulate		
Notes							
IRON OXIDE	1309-37-1	1 - 5	5 mg/m ³ respirable	10 mg/m ³ as fume			
Notes							
OXIDE GLASS CHEMICALS	65997-17-3	1 - 3			Manufacturer: 10		

					mg/m ³ as dust		
Notes							

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes:	Severe Eye Irritation: Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.
Skin:	Moderate Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness.
Ingestion:	May be harmful if swallowed. Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea. May be absorbed following ingestion and cause target organ effects.
Inhalation:	Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

IV. FIRST AID MEASURES

Eyes:	Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.
Skin:	Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.
Ingestion:	If Swallowed: Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.
Inhalation:	Remove person to fresh air. If signs/symptoms develop, get medical attention.
Other:	These first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

V. FIRE FIGHTING MEASURES

Flash Point:	No flash point
Lower Flammability Limit:	Not Applicable
Upper Flammability Limit:	Not Applicable
Extinguishing Agents:	Non-combustible. Choose material suitable for surrounding fire.
Unusual Fire or Explosion	Not applicable.
Hazards:	
Fire Fighting Procedures:	Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).
Other:	Autoignition temperature Not Applicable OSHA Flammability Classification: Not Applicable

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup:	Observe precautions from other sections. Collect as much of the spilled material as possible. Clean up residue. In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.
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Other: Personal precautions, protective equipment and emergency procedures
Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode.
Environmental precautions
Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

VII. HANDLING AND STORAGE

Other: **HANDLING**
Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. For industrial or professional use only. Avoid eye contact with dust or airborne particles.
STORAGE
Store away from areas where product may come into contact with food or pharmaceuticals. Store in a cool, dry place.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Avoid eye contact.
The following eye protection(s) are recommended: Indirect Vented Goggles

Skin: Avoid skin contact.
Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials. Gloves made from the following material(s) are recommended: Butyl Rubber Neoprene

Respiratory: Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

Engineering: Use in a well-ventilated area.

Other: Prevention of Swallowing
Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red with negligible odor

Solubility in Water: Complete

Specific Gravity: 1.35 [Ref Std: WATER=1]

Physical State: Specific: Paste
General: Solid

Volatile Content: Volatile Organic Compounds < 1 g/l
VOC Less H₂O & Exempt Solvents < 1 g/l

Other: Autoignition temperature: Not Applicable
Melting point: No Data Available

X. STABILITY AND REACTIVITY

Stability: Stable

Hazardous Polymerization: will not occur

Hazardous Decomposition Substance Condition Carbon monoxide: Not Specified

Products: Carbon dioxide: Not Specified

Oxides of Phosphorus: Not Specified

Conditions To Avoid: None known**Other:** Materials to avoid: None known**XI. TOXICOLOGICAL INFORMATION****XII. ECOLOGICAL INFORMATION****Other:** Not determined.**XIII. DISPOSAL CONSIDERATIONS****Disposal Method:** Dispose of waste product in a facility permitted to accept chemical waste.**RCRA Class:** Not regulated**Other:** Since regulations vary, consult applicable regulations or authorities before disposal.**XIV. TRANSPORT INFORMATION****Other:** ID Number(s):
42-0016-4710-8, 42-0016-4715-7, 42-0016-4716-5, 98-0400-5380-7,
98-0400-5381-5, 98-0400-5382-3, 98-0400-5383-1, 98-0400-5406-0,
98-0400-5456-5, 98-0400-5562-0, 98-0400-5573-7, 98-0400-5610-7**XV. REGULATORY INFORMATION****TSCA Status:** The components of this product are in compliance with the chemical notification requirements of TSCA.**EPA Sara Title III Chemical** 311/312 Hazard Categories:**Listings:** Fire Hazard: No
Pressure Hazard: No
Reactivity Hazard: No
Immediate Hazard: Yes
Delayed Hazard: Yes**Other:** WHMIS: Hazardous**XVI. OTHER INFORMATION****WARRANTY INFORMATION**

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.