

MATERIAL SAFETY 3M  
 DATA SHEET 3M Center  
 St. Paul, Minnesota  
 55144-1000  
 1-800-364-3577 or (651) 737-6501 (24 hours)

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DIVISION: SPECIFIED CONSTRUCTION PRODUCTS  
 TRADE NAME:

3M FIREDAM 150+ CAULK  
 ID NUMBER/U.P.C. :  
 98-0400-5315-3 00-51115-11574-5 98-0400-5316-1 00-51115-11575-7  
 98-0400-5343-5 00-51115-11602-5 98-0400-5375-7 00-51115-11634-6  
 98-0400-5419-3 00-51115-16528-8 98-0400-5420-1 00-51115-16529-0  
 ISSUED: May 15, 2001  
 SUPERSEDES: April 07, 2000  
 DOCUMENT: 09-2236-9

1. INGREDIENT	C.A.S. NO.	PERCENT
CALCIUM CARBONATE.....	1317-65-3	50.0
VINYL ACETATE EMULSION.....	Unknown	15.0 - 20.0
WATER.....	7732-18-5	5.0 - 15.0
MEDIUM ALIPHATIC SOLVENT NAPHTHA.....	64742-88-7	5.0 - 10.0
DIBENZOATE PROPANOL.....	27138-31-4	2.0 - 4.0
TITANIUM DIOXIDE.....	13463-67-7	1.0 - 3.0
ETHYLENE GLYCOL.....	107-21-1	1.0 - 3.0

IN CASE OF EMERGENCY: THE NUMBERS AT THE TOP OF THIS PAGE PROVIDE 24  
 HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT.  
 Non hazardous according to WHMIS criteria. The components of this  
 product are in compliance with the chemical notification requirements  
 of TSCA.

This product contains the following toxic chemical or chemicals subject to  
 the reporting requirements of Section 313 of Title III of the Emergency  
 Planning and Community Right-To-Know Act of 1986 and 40 CFR Part 372:  
 ETHYLENE GLYCOL

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2. PHYSICAL DATA

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BOILING POINT:..... 212.0 F  
 (100 C)  
 VAPOR PRESSURE:..... N/D  
 VAPOR DENSITY:..... LIGHTER THAN AIR

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

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2. PHYSICAL DATA (continued)  
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EVAPORATION RATE:..... < 1.0 BuOAc=1  
SOLUBILITY IN WATER:..... MISCIBLE IN WET STAGE  
SPECIFIC GRAVITY:..... 1.5 Water=1  
PERCENT VOLATILE:..... 28 %  
  BY VOLUME  
pH:..... 8.0 - 9.0  
VISCOSITY:..... PASTE  
MELTING POINT:..... N/D

APPEARANCE AND ODOR:  
PASTE WITH LOW ODOR.

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... N/A  
FLAMMABLE LIMITS - LEL:..... N/A  
FLAMMABLE LIMITS - UEL:..... N/A  
AUTOIGNITION TEMPERATURE:..... N/A

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:  
Not applicable.

PRODUCT WILL NOT BURN BUT MAY SPLATTER IF TEMPERATURE EXCEEDS BOILING  
POINT OF WATER. DRIED SOLIDS CAN BURN, GIVING OFF OXIDES OF CARBON.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 0 REACTIVITY: 0  
UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Not applicable

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4. REACTIVITY DATA  
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STABILITY: Stable

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4. REACTIVITY DATA (continued)  
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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:

Observe precautions from other sections. Ventilate area. Contain spill. Cover with inorganic absorbent material. Collect spilled material. Clean up residue with an appropriate organic solvent. Read and follow safety precautions on the solvent label and MSDS. Place in a closed container.

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility in the presence of a combustible material. Disposal alternative: Dispose of waste product in a facility permitted to accept chemical waste.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

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

Since regulations vary, consult applicable regulations or authorities before disposal. In the event of an uncontrolled release of this material, the user should determine if the release qualifies as a reportable quantity. 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.

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6. SUGGESTED FIRST AID (continued)  
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SKIN CONTACT:

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

INHALATION:

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

IF SWALLOWED:

Do not induce vomiting. 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 unvented goggles during operations in which exposure is likely.

SKIN PROTECTION:

Avoid skin contact. Wear appropriate gloves when handling this material. A pair of gloves made from the following material(s) are recommended: butyl rubber, neoprene, fluoroelastomer (Viton).

RECOMMENDED VENTILATION:

Use with appropriate local exhaust ventilation. Use in a well-ventilated area. Use with adequate dilution ventilation. If exhaust ventilation is not adequate, use appropriate respiratory protection.

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, full-face organic vapor respirator.

PREVENTION OF ACCIDENTAL INGESTION:

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Wash hands after handling and before eating. Do not ingest.

RECOMMENDED STORAGE:

Store in a cool place. Store away from acids. Store away from heat. Keep container dry. Keep container in well-ventilated area. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep container tightly closed. Keep away from heat, sparks, open flame, and other sources of ignition. Prevent all sources of ignition. No smoking while handling this material.

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 7. PRECAUTIONARY INFORMATION (continued)  
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OTHER PRECAUTIONARY INFORMATION:  
 For industrial or professional use only.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
CALCIUM CARBONATE.....	10	MG/M3	TWA	ACGIH	
CALCIUM CARBONATE.....	15	MG/M3	TWA	OSHA	
	AS TOTAL DUST				
CALCIUM CARBONATE.....	5	MG/M3	TWA	OSHA	
	RESPIRABLE				
VINYL ACETATE EMULSION.....	NONE	NONE	NONE	NONE	
WATER.....	NONE	NONE	NONE	NONE	
MEDIUM ALIPHATIC SOLVENT NAPHTHA.....	100	PPM	TWA	CMRG	
DIBENZOATE PROPANOL.....	NONE	NONE	NONE	NONE	
TITANIUM DIOXIDE.....	10	MG/M3	TWA	ACGIH	
TITANIUM DIOXIDE.....	10	MG/M3	TWA	OSHAV	
	AS DUST				
	OSHA VACATED PEL				
TITANIUM DIOXIDE.....	15	MG/M3	TWA	OSHA	
	AS TOTAL DUST				
TITANIUM DIOXIDE.....	5	MG/M3	TWA	CMRG	
	AS RESPIRABLE DUST				
ETHYLENE GLYCOL.....	50	PPM	CEIL	OSHA	
ETHYLENE GLYCOL.....	100	MG/M3	CEIL	ACGIH	
	AS AEROSOL				

\* 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
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines
- OSHA: Occupational Safety and Health Administration
- OSHAV: Occupational Safety and Health Administration Vacated PEL.  
 Vacated Permissible Exposure Limits (PEL) are enforced as the OSHA PEL in some states. Check with your local regulatory authority.
- 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:

Mild Skin Irritation: signs/symptoms can include redness, swelling, and itching.

INHALATION:

Prolonged or repeated overexposure, above recommended guidelines, may cause:

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

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.

Prolonged or repeated overexposure, above recommended guidelines, may cause:

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

IF SWALLOWED:

Ingestion may cause:

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

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.

Ingestion may cause:

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  
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HEADING	SECTION CHANGED SINCE April 07, 2000	ISSUE
ENVIRONMENTAL INFO.	SECTION CHANGED SINCE April 07, 2000	ISSUE

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