

General Offices/3M

3M Center
St. Paul, Minnesota 55144-1000
(612) 733-1110

MATERIAL SAFETY
DATA SHEET



DIVISION: ELECTRICAL PRODUCTS DIVISION
TRADE NAME: 3M BRAND FIRE BARRIER CAULK CP-25 N/S
3M I.D. NUMBER: 80-0080-0785-0 80-0080-0786-8 80-6102-5526-9

ISSUED: JUNE 10, 1987
SUPERSEDES: APRIL 8, 1986
DOCUMENT: 10-5153-1

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS	
SYNTHETIC RUBBER	MIXTURE	15.0- 25.0	NONE	5
SODIUM SILICATE	1344-09-8	15.0- 20.0	NONE	5
2-ETHYLHEXYL DIPHENYL PHOSPHATE	1241-94-7	1.0- 4.0	NONE	5
XYLENE	1330-20-7	15.0- 20.0	100 ppm	1
METHYL ETHYL KETONE	78-93-3	15.0- 20.0	200 ppm	1
CHLORINATED OLEFIN	68527-02-6	4.0- 7.0	NONE	5
MAGNESIUM OXIDE	1309-48-4	0.5- 1.0	10mg/cu.m.	1
CALCIUM CARBONATE	471-34-1	15.0- 25.0	10mg/cu.m.	1

SOURCE OF EXPOSURE LIMIT DATA

1. ACGIH THRESHOLD LIMIT VALUES
2. FEDERAL OSHA PERMISSIBLE EXPOSURE LIMIT
3. 3M EXPOSURE GUIDELINES
4. CHEMICAL MANUFACTURER RECOMMENDED GUIDELINES
5. NONE ESTABLISHED

ABBREVIATIONS

N/D - NOT DETERMINED
N/A - NOT APPLICABLE

2. PHYSICAL DATA

BOILING POINT: N/D
VAPOR PRESSURE: N/D
VAPOR DENSITY (AIR=1): N/D
EVAPORATION RATE (= 1): N/D
SOLUBILITY IN WATER: Nil
SP. GRAVITY (WATER=1): 1.26
PERCENT VOLATILE: 32
VISCOSITY: N/D
pH: N/A
APPEARANCE AND ODOR: Reddish brown paste, solvent odor.

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3. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (Closed Cup): 50F

FLAMMABLE LIMITS - LEL: 1.81% UEL: 11.5%

EXTINGUISHING MEDIA:
Carbon Dioxide, Foam or Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES:
NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS:
NONE

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4. REACTIVITY DATA

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STABILITY: STABLE

INCOMPATIBILITY - MATERIALS TO AVOID:
NONE

HAZARDOUS POLYMERIZATION: MAY NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS:
May include Carbon Monoxide, Carbon Dioxide and Hydrogen Chloride.

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:
Observe precautionary information from other sections. Extinguish ignition sources. Clean up spilled material and dispose as described below.

RECOMMENDED DISPOSAL:
Dispose in a hazardous waste facility in accordance with local and state regulations.

ENVIRONMENTAL DATA:
Hazardous waste as designated by the U.S. Environmental Protection Agency (40 CFR 261). EPA Hazardous Waste No. 0001.

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6. SUGGESTED FIRST AID

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EYE CONTACT:
Immediately flush eyes with plenty of water and continue for ten minutes holding the eye lids open. Call a physician.

SKIN CONTACT:
Wash with soap and water.

INHALATION:
If symptoms occur, remove person to fresh air. If symptoms continue, call a physician.

IF SWALLOWED:
Do not induce vomiting. Give one to two glasses of water. Call a physician.

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7. PRECAUTIONARY INFORMATION

Keep away from heat, flame, sparks and other sources of ignition. Use only with adequate ventilation. Avoid breathing vapor. If vapor levels become excessive, wear a NIOSH approved organic vapor respirator. Keep container tightly closed when not in use. Avoid eye and prolonged skin contact. Keep out of reach of children. OSHA permissible exposure limits: xylene 100 ppm TWA; methyl ethyl ketone 200 ppm TWA. Additional ACGIH limits: methyl ethyl ketone 300 ppm STEL.

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8. HEALTH HAZARD DATA

EYE CONTACT: Vapor and liquid may cause irritation. Symptoms may include smarting, tearing, redness, and swelling.

SKIN CONTACT: May cause irritation on prolonged or repeated contact.

INHALATION: Xylene and methyl ethyl ketone may cause respiratory system irritation and temporary nervous system impairment. Symptoms of overexposure may include dizziness, weakness, fatigue, nausea, headache, incoordination, coma and in extreme overexposure death. Xylene may cause heart, liver, kidney and blood damage based on animal studies.

INGESTION: Not an expected route of industrial exposure. Practically non-toxic from single ingestion.

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.
