

General Offices/3M

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

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01-50

000223

**MATERIAL SAFETY
DATA SHEET**

DIVISION: ELECTRICAL PRODUCTS DIVISION
TRADE NAME: 3M BRAND FIRE BARRIER CAULK CP-25
3M I.D. NUMBER: 80-6100-9622-6 80-6101-2936-5
ISSUED: FEBRUARY 24, 1986
SUPERSEDES: DECEMBER 18, 1985
DOCUMENT: 10-2643-4

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1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS	
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SYNTHETIC RUBBER	NONE	15.0- 25.0	NONE	5
SODIUM SILICATE	NONE	30.0- 40.0	NONE	5
2-ETHYLHEXYL DIPHENYL PHOSPHATE	NONE	1.0- 4.0	NONE	5
CHLORINATED PARAFFIN	63449-39-8	5.0- 10.0	NONE	5
AMORPHOUS SILICA	7361-86-9	1.0- 4.0	20mppcf	1
XYLENE	1330-20-7	10.0- 15.0	100ppm	1
METHYL ETHYL KETONE	78-93-3	10.0- 15.0	200ppm	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	SOLUBILITY IN WATER:	Nil
VAPOR PRESSURE:	N/D	SP. GRAVITY (WATER=1):	1.50
VAPOR DENSITY (AIR=1):	N/D	PERCENT VOLATILE:	24
EVAPORATION RATE (=1):	N/D	VISCOSITY:	N/D
APPEARANCE AND ODOR:	Reddish brown paste, solvent odor.	pH:	N/A

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3. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (Closed Cup): 36F
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. D001.

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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:

Remove person to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. 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
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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.

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8. HEALTH HAZARD DATA

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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: May cause respiratory system irritation and temporary nervous system impairment. Symptoms may include dizziness, weakness, fatigue, nausea, headache, incoordination, coma and death. Potential embryo/fetotoxin based on studies in laboratory animals. OSHA regulates xylene and methyl ethyl ketone and has set permissible exposure levels of 100ppm and 200ppm respectively. Xylene may cause heart, liver, kidney and blood damage based on animal studies. OSHA also regulates amorphous silica and set a permissible exposure level of 20mppcf.

INGESTION: Practically non-toxic. Chlorinated paraffins have been shown to cause cancer in one feeding study at high dosages in male mice.

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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.