

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

000219
ONTARIO SUPPLY CORP.
100 NORTH MOHAWK ST.
P.O. BOX 437
COHOES, NEW YORK 12047

MATERIAL SAFETY
DATA SHEET



DIVISION: ELECTRICAL PRODUCTS DIVISION
TRADE NAME: SCOTCHFIL BRAND ELECTRICAL INSULATING PUTTY
3M I.D. NUMBER:
ISSUED: NOVEMBER 11, 1985
SUPERSEDES: MAY 1, 1982
DOCUMENT: 10-2654-1

1. INGREDIENTS	C.A.S. NO.	PERCENT	EXPOSURE LIMITS
SYNTHETIC RUBBER	NONE	40.0- 50.0	NONE 5
HYDROCARBON RESIN	NONE	3.0- 7.0	NONE 5
HYDROCARBON OIL	NONE	10.0- 20.0	NONE 5
INERT FILLER	NONE	25.0- 35.0	NONE 5
CARBON BLACK	1333-86-4	1.0- 4.0	3.5mg/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/A	SOLUBILITY IN WATER:	Nil
VAPOR PRESSURE:	N/A	SP. GRAVITY (WATER=1):	1.14
VAPOR DENSITY (AIR=1):	N/A	PERCENT VOLATILE:	0
EVAPORATION RATE (=1):	N/A	VISCOSITY:	N/A
APPEARANCE AND ODOR:	Black putty in tape form with release liner		pH: N/A

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (N/A): N/A
FLAMMABLE LIMITS - LEL: N/D UEL: N/D

EXTINGUISHING MEDIA:

Carbon Dioxide, Foam or Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES:

Firefighters should be equipped with self-contained breathing apparatus.

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Page 2

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 and Carbon Dioxide.

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5. ENVIRONMENTAL INFORMATION
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SPILL RESPONSE:

Not Applicable

RECOMMENDED DISPOSAL:

Bury or incinerate in accordance with state and local regulations.

ENVIRONMENTAL DATA:

NONE

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6. SUGGESTED FIRST AID
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EYE CONTACT:

Not expected under normal conditions of use.

SKIN CONTACT:

Not expected under normal conditions of use.

INHALATION:

Not expected under normal conditions of use.

IF SWALLOWED:

If ingested, consult a physician.

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7. PRECAUTIONARY INFORMATION
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Wash with soap and water. Do not take internally. Keep out of reach
of children.

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NOVEMBER 11, 1985

Page 3

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8. HEALTH HAZARD DATA

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EYE CONTACT: Not a likely route of exposure.

SKIN CONTACT: Irritation not expected in intended use.

INHALATION: Not a likely route of exposure. Carbon black has an OSHA permissible exposure limit of 3.5 milligrams per cubic meter TWA. The International Agency for Research on Cancer, IARC, states the available data on carbon blacks are inadequate to permit an evaluation of their carcinogenicity to experimental animals. There is sufficient evidence that benzene extracts of most of the carbon blacks tested are carcinogenic to experimental animals. The available epidemiological data provide inadequate evidence to evaluate the carcinogenicity to humans of carbon blacks. Exposure to carbon black is not expected in use and handling of this product.

INGESTION: Not a likely route of exposure; but, given a single incidence of ingestion, the product is not expected to be toxic.

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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.