

MATERIAL SAFETY 3M  
 DATA SHEET 3M Center  
 St. Paul, Minnesota  
 55144-1000  
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 under, and a MSDS is not required for this product by the OSHA  
 Hazard Communication Standard (29 CFR 1910.1200) because, when  
 used as recommended or under ordinary conditions, it should not  
 present a health and safety hazard. However, use or processing  
 of the product not in accordance with the product's  
 recommendations or not under ordinary conditions may affect the  
 performance of the product and may present potential health and  
 safety hazards.

DIVISION: ELECTRICAL PRODUCTS DIVISION

TRADE NAME:

Scotchfil Brand Electrical Insulating Putty

ID NUMBER/U.P.C.:

80-0000-0116-6	-	-	-	80-0120-5201-7	00-54007-15140-1
80-6107-3838-9	00-54007-15140-1	80-6108-3372-7	00-54007-41750-7		
80-6112-0499-3	-	-	-	80-6112-0516-4	- - -

ISSUED: January 11, 2000

SUPERSEDES: September 09, 1999

DOCUMENT: 07-7739-1

1. INGREDIENT	C.A.S. NO.	PERCENT
ISOBUTYLENE-ISOPRENE POLYMER.....	9010-85-9	40 - 50
DIATOMACEOUS EARTH.....	61790-53-2	15 - 35
WHITE MINERAL OIL (PETROLEUM).....	8042-47-5	5 - 25
POLYETHYLENE.....	9002-88-4	0 - 10
POLYISOBUTYLENE.....	9003-27-4	0 - 10
PIPERYLENE-2-METHYL-2-BUTENE POLYMER....	26813-14-9	1 - 5
CARBON BLACK.....	1333-86-4	0 - 10
CALCIUM SILICATE.....	1344-95-2	.1 - 1

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

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2. PHYSICAL DATA  
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BOILING POINT:..... N/A  
VAPOR PRESSURE:..... N/A  
VAPOR DENSITY:..... N/A  
EVAPORATION RATE:..... N/A  
SOLUBILITY IN WATER:..... nil  
SPECIFIC GRAVITY:..... ca. 1.14 Water=1  
PERCENT VOLATILE:..... nil 0 % by wt  
pH:..... N/A  
VISCOSITY:..... N/A  
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Roll of Tape, Release coated paper lined black, tacky rubber.

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

EXTINGUISHING MEDIA:

Water, 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 determined.

NFPA HAZARD CODES: HEALTH: 0 FIRE: 1 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

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Not applicable.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

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4. REACTIVITY DATA (continued)  
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HAZARDOUS DECOMPOSITION PRODUCTS:  
Carbon Monoxide and Carbon Dioxide, Hydrocarbons.

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5. ENVIRONMENTAL INFORMATION  
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SPILL RESPONSE:  
Not applicable.

RECOMMENDED DISPOSAL:  
Incinerate in an industrial or commercial facility. Dispose of waste  
product in a sanitary landfill.

ENVIRONMENTAL DATA:  
Not applicable.

REGULATORY INFORMATION:  
Volatile Organic Compounds: N/A.  
VOC Less H2O & Exempt Solvents: N/A.

EPCRA HAZARD CLASS:  
FIRE HAZARD: No PRESSURE: No REACTIVITY: No ACUTE: No CHRONIC: No

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6. SUGGESTED FIRST AID  
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EYE CONTACT:  
No need for first aid is anticipated.

SKIN CONTACT:  
Wash affected area with soap and water.

INHALATION:  
No need for first aid is anticipated.

IF SWALLOWED:  
No need for first aid is anticipated.

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7. PRECAUTIONARY INFORMATION  
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EYE PROTECTION:  
Not applicable.

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7. PRECAUTIONARY INFORMATION (continued)  
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SKIN PROTECTION:

Avoid prolonged or repeated skin contact.

RECOMMENDED VENTILATION:

Not applicable.

RESPIRATORY PROTECTION:

Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:

Wash hands after handling and before eating.

RECOMMENDED STORAGE:

Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

HMIS HAZARD RATINGS: HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0  
PERSONAL PROTECTION: X (See precautions, section 7.)

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
ISOBUTYLENE-ISOPRENE POLYMER.....	NONE	NONE	NONE	NONE	
DIATOMACEOUS EARTH.....	10	MG/M3	TWA	ACGIH	
	as total dust				
DIATOMACEOUS EARTH.....	3	MG/M3	TWA	ACGIH	
	as respirable particulate				
WHITE MINERAL OIL (PETROLEUM).....	5	MG/M3	TWA	CMRG	
WHITE MINERAL OIL (PETROLEUM).....	10	MG/M3	STEL	CMRG	
POLYETHYLENE.....	NONE	NONE	NONE	NONE	
POLYISOBUTYLENE.....	NONE	NONE	NONE	NONE	
PIPERYLENE-2-METHYL-2-BUTENE POLYMER.....	NONE	NONE	NONE	NONE	
CARBON BLACK.....	3.5	MG/M3	TWA	ACGIH	
CARBON BLACK.....	3.5	MG/M3	TWA	OSHA	
CALCIUM SILICATE.....	10	MG/M3	TWA	ACGIH	
	as total dust				
CALCIUM SILICATE.....	15	MG/M3	TWA	OSHA	
	as total dust				

\* 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

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
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- CMRG:	Chemical Manufacturer Recommended Exposure Guidelines				
- OSHA:	Occupational Safety and Health Administration				
- NONE:	None Established				

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8. HEALTH HAZARD DATA  
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EYE CONTACT:

No adverse health effects are expected from eye contact.

SKIN CONTACT:

No adverse health effects are expected from skin contact.

Contact with the skin during product use is not expected to result in significant irritation.

Mild Skin Irritation (after prolonged or repeated contact):  
signs/symptoms can include redness, swelling, and itching.

INHALATION:

Health effects from inhalation are not expected unless the product is over heated and decomposition occurs.

IF SWALLOWED:

Ingestion is not a likely route of exposure to this product.

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SECTION CHANGE DATES  
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HEADING                      SECTION CHANGED SINCE September 09, 1999 ISSUE

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