MATERIAL SAFETY

DATA SHEET

3M Center

3M

St. Paul, Minnesota

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DIVISION: ELECTRICAL PRODUCTS DIVISION

TRADE NAME:

3M ELECTRICAL TAPE 1170, 1181, 1182, 1183, 1190, 1194, 1245, 1267,

ISSUED: December 03, 1997 SUPERSEDES: June 20, 1997

DOCUMENT: 07-5271-7

1. INGREDIENT	C.A.S. NO.		PERCENT		
ACRYLIC POLYMER	9017-68-9 50		- 75		
, , ,	Unknown	Unknown 25			
2. PHYSICAL DATA					
BOILING POINT:    N/A      VAPOR PRESSURE:    N/A      VAPOR DENSITY:    N/A      EVAPORATION RATE:    N/A      SOLUBILITY IN WATER:    N/A      SPECIFIC GRAVITY:    N/D      PERCENT VOLATILE:    0 %      pH:    N/A      VISCOSITY:    N/A					
MELTING POINT:					

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

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UNUSUAL FIRE AND EXPLOSION HAZARDS:

NFPA HAZARD CODES: HEALTH: 0 FIRE: 0 REACTIVITY: 0

protective covering for exposed areas of the head.

UNUSUAL REACTION HAZARD: none

positive pressure or pressure demand breathing apparatus, bunker coat

and pants, bands around arms, waist and legs, face mask, and

OSHA FIRE HAZARD CLASS: Not applicable

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### 4. REACTIVITY DATA

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STABILITY: Stable

None known.

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
None known.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide.

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## 7. PRECAUTIONARY INFORMATION (continued)

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### RESPIRATORY PROTECTION:

Avoid breathing of thermal decomposition products. Avoid breathing of dust created by cutting, sanding or grinding. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask dust respirator.

## PREVENTION OF ACCIDENTAL INGESTION:

Wash hands after handling and before eating.

#### RECOMMENDED STORAGE:

Store at temperature and conditions as recommended on product literature.

# FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

### EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
ACRYLIC POLYMER	NONE	NONE	NONE	NONE	
METAL BACKING (Al, Cu, Sn coated					
Cu, or Cu coated polyester fabric).	NONE	NONE	NONE	NONE	

\* 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:

- NONE: None Established

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# 8. HEALTH HAZARD DATA

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### EYE CONTACT:

Eye contact is not expected to occur during normal use of the product.

# SKIN CONTACT:

No adverse health effects are expected from skin contact.

# INHALATION:

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

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8. HEALTH HAZARD DATA (continued)

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Dust from cutting, grinding, sanding or machining may cause irritation of the respiratory system.

#### IF SWALLOWED:

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

## OTHER HEALTH HAZARD INFORMATION:

This product, when used under reasonable conditions or in accordance with the 3M directions for use, should not present a health and safety hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

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#### SECTION CHANGE DATES

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HEADING SECTION CHANGED SINCE June 20, 1997 ISSUE

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

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