

MATERIAL SAFETY  
DATA SHEET

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This material safety data sheet (MSDS) is provided as a courtesy  
in response to a customer request. This product is not regulated  
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:

3M Electrical Tape 1152

ISSUED: October 19, 2001

SUPERSEDES: INITIAL ISSUE

DOCUMENT: 16-5558-8

1. INGREDIENT	C.A.S. NO.	PERCENT
Silicone Pressure Sensitive Adhesive....	None	50 - 60
Polyimide Film.....	None	40 - 50

The components of this product are in compliance with the chemical  
notification requirements of TSCA. This product is an article as  
defined by TSCA regulations, and is exempt from TSCA Inventory  
listing requirements.

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:..... ca. 1.28 Water=1  
PERCENT VOLATILE:..... 0 %  
pH:..... N/A

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

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2. PHYSICAL DATA (continued)

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VISCOSITY:..... N/A  
MELTING POINT:..... N/D

APPEARANCE AND ODOR:  
Roll of Tape, Amber

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3. FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT:..... N/A  
FLAMMABLE LIMITS - LEL:..... N/A  
FLAMMABLE LIMITS - UEL:..... N/A  
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:  
Water spray, Carbon dioxide, Dry chemical

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:  
None known.

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:  
Strong Oxidizing Agents.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:  
Carbon Monoxide and Carbon Dioxide, Hydrocarbons, Formaldehyde  
silicon dioxide

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

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5. ENVIRONMENTAL INFORMATION

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SPILL RESPONSE:  
Not applicable.

RECOMMENDED DISPOSAL:  
Dispose of waste product in a sanitary landfill.

ENVIRONMENTAL DATA:  
Not determined.

REGULATORY INFORMATION:  
Volatile Organic Compounds: 0 %.  
VOC Less H<sub>2</sub>O & Exempt Solvents: 0 %.

Since regulations vary, consult applicable regulations or authorities before disposal.

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:  
Immediately flush eyes with large amounts of water. Get immediate medical attention.

SKIN CONTACT:  
If skin contact with hot material occurs: DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Immediately flush affected area with plenty of cold water and cover with a clean dressing. Have burn treated by a physician.

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

IF SWALLOWED:  
Drink two glasses of water. Call a physician.

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7. PRECAUTIONARY INFORMATION

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EYE PROTECTION:  
Avoid eye contact.

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

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7. PRECAUTIONARY INFORMATION (continued)

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SKIN PROTECTION:

Avoid skin contact with hot material.

RECOMMENDED VENTILATION:

Provide appropriate local exhaust for heat curing. If exhaust ventilation is not available, use appropriate respiratory protection.

RESPIRATORY PROTECTION:

Avoid breathing of vapors created during the cure cycle. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask organic vapor 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.

HMS HAZARD RATINGS: HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0  
PERSONAL PROTECTION: A

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
Silicone Pressure Sensitive Adhesive.....	NONE	NONE	NONE	NONE	
Polyimide Film.....	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:

Vapors from heated material may cause eye irritation.

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

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8. HEALTH HAZARD DATA (continued)  
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SKIN CONTACT:

Skin Burns (thermal, from contact with hot material): signs/symptoms can include burning pain, red and swollen skin, and blisters.

INHALATION:

Vapors of heated material may cause respiratory system irritation.

IF SWALLOWED:

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

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