

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
 55144-1000
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DIVISION: INDUSTRIAL TAPE AND SPECIALTIES DIVISION
 TRADE NAME:

3M (tm) 5421 UHMW POLYETHYLENE TAPE

ID NUMBER/U.P.C.:

70-0000-0334-6	00-21200-90139-3	70-0061-9785-2	00-21200-26899-1
70-0061-9798-5	00-21200-30119-3	70-0062-0954-1	00-21200-26709-3
70-0062-0989-7	00-21200-26755-0	70-0062-1063-0	00-21200-30324-1
70-0062-1102-6	00-21200-30125-4	70-0062-1104-2	00-21200-30129-2
70-0062-1112-5	00-21200-30138-4	70-0062-1114-1	00-21200-30142-1
70-0062-1116-6	00-21200-30145-2	70-0062-1127-3	00-21200-30165-0
70-0062-1130-7	00-21200-30170-4	70-0062-1222-2	00-21200-38758-6
70-0062-1250-3	00-21200-38791-3	70-0062-1255-2	00-21200-38797-5
70-0062-1259-4	00-21200-38803-3	70-0062-1271-9	00-21200-38819-4
70-0062-1279-2	00-21200-38830-9	70-0062-1311-3	00-21200-30503-0
70-0062-6031-2	00-21200-38887-3	70-0062-6048-6	00-21200-38905-4
70-0062-6069-2	00-21200-38928-3	70-0062-6072-6	00-21200-38933-7
70-0062-6105-4	00-21200-38973-3	70-0062-6113-8	00-21200-38982-5
70-0062-6115-3	00-21200-38984-9	70-0062-6140-1	00-21200-39012-8
70-0062-6161-7	00-21200-39034-0	70-0160-2055-7	00-21200-07775-3
70-0160-2594-5	00-21200-14455-4	70-0160-4027-4	00-21200-11986-6
70-0160-4029-0	00-21200-11987-3	70-0160-4031-6	00-21200-08008-1
70-0160-4033-2	00-21200-08009-8	70-0160-4035-7	00-21200-11988-0
70-0160-4037-3	00-21200-11989-7	70-0160-4824-4	00-21200-73590-5
70-0160-4829-3	00-21200-73598-1	70-0160-4834-3	00-21200-26876-2
70-0160-4875-6	00-21200-30185-8	70-0160-4882-2	00-21200-30206-0
70-0160-4899-6	00-21200-30264-0	70-0160-5301-2	00-21200-38961-0
70-0160-5541-3	00-21200-26745-1	70-0160-5568-6	00-21200-30827-7
70-0160-5593-4	00-21200-41000-0	70-0160-5669-2	00-21200-38781-4
70-0160-5684-1	00-21200-38831-6	70-0160-5695-7	00-21200-38931-3

ISSUED: April 12, 2001

SUPERSEDES: July 19, 2000

DOCUMENT: 09-0280-9

1. INGREDIENT	C.A.S. NO.	PERCENT	
POLYETHYLENE BACKING.....	9002-88-4	30	- 40
RELEASE LINER.....	None	35	- 40
NATURAL RUBBER ADHESIVE.....	9003-31-0	20	- 30

The components of this product are in compliance with the chemical

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

1. INGREDIENT	C.A.S. NO.	PERCENT
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notification requirements of TSCA.

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/A
PERCENT VOLATILE:..... N/D
pH:..... N/A
VISCOSITY:..... N/A
MELTING POINT:..... N/D

APPEARANCE AND ODOR:
Roll of Tape, transparent.

3. FIRE AND EXPLOSION HAZARD DATA

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, 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:
No unusual fire or explosion hazards are anticipated.

NFPA HAZARD CODES: HEALTH: 1 FIRE: 1 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Not applicable

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4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
None known.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Observe precautions from other sections. Collect spilled material.
Place in a closed container.

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility in the presence of
a combustible material. Disposal alternative: Dispose of waste
product in a sanitary landfill.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

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

Since regulations vary, consult applicable regulations or authorities
before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S.
EPA Hazardous).

EPCRA HAZARD CLASS:

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

6. SUGGESTED FIRST AID

EYE CONTACT:

No need for first aid is anticipated.

SKIN CONTACT:

No need for first aid is anticipated.

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

6. SUGGESTED FIRST AID (continued)

INHALATION:

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

IF SWALLOWED:

No need for first aid is anticipated.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact.

RECOMMENDED VENTILATION:

Use with adequate dilution ventilation.

RESPIRATORY PROTECTION:

Avoid breathing of thermal decomposition products.

PREVENTION OF ACCIDENTAL INGESTION:

Wash hands after handling and before eating. Do not ingest.

RECOMMENDED STORAGE:

Store in a cool place. Store out of direct sunlight.

FIRE AND EXPLOSION AVOIDANCE:

Keep away from heat, sparks, open flame, and other sources of ignition.

HMIS HAZARD RATINGS: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0
PERSONAL PROTECTION: A

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
POLYETHYLENE BACKING.....	NONE	NONE	NONE	NONE	
RELEASE LINER.....	NONE	NONE	NONE	NONE	
NATURAL RUBBER ADHESIVE.....	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:

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

EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
- NONE:	None	Established			

8. HEALTH HAZARD DATA

EYE CONTACT:

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

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.

INHALATION:

This product may have a characteristic odor; however, no adverse health effects are anticipated.

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

If thermal decomposition occurs:

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

IF SWALLOWED:

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

No adverse health effects are expected from swallowing.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE July 19, 2000	ISSUE
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