

MATERIAL SAFETY           3M  
 DATA SHEET               3M Center  
                               St. Paul, Minnesota  
                               55144-1000  
                               1-800-364-3577 or (651) 737-6501 (24 hours)

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DIVISION:   ENGINEERED ADHESIVES  
 TRADE NAME:  
           3M(tm) 468 LAMINATING ADHESIVE TAPE

ID NUMBER/U.P.C. :  
 70-0000-0746-1   00-21200-90310-6   70-0024-7124-4   00-21200-03327-8  
 70-0024-7126-9   00-21200-03328-5   70-0024-7127-7   00-21200-03329-2  
 70-0060-0121-1   00-21200-03715-3   70-0060-0624-4   00-21200-03886-0  
 70-0060-0736-6   00-21200-03924-9   70-0060-0852-1   00-21200-03958-4  
 70-0060-0867-9   00-21200-03960-7   70-0060-0869-5   00-21200-03962-1  
 70-0060-1270-5   00-21200-04045-0   70-0060-1271-3   00-21200-04046-7  
 70-0060-1272-1   00-21200-04047-4   70-0060-3579-7   00-21200-05258-3  
 70-0060-5945-8   00-21200-15243-6   70-0061-0099-7   00-21200-68310-7  
 70-0061-6828-3   00-21200-23517-7   70-0061-8765-5   00-21200-27664-4

ISSUED: May 22, 2001  
 SUPERSEDES: February 26, 1998  
 DOCUMENT: 08-2739-4

1. INGREDIENT	C.A.S. NO.	PERCENT	
ACRYLIC ACID-ISOOCTYL ACRYLATE POLYMER..	9017-68-9	55	- 65
62# DENSIFIED KRAFT SILICONE COATED PAPER RELEASE LINER.....	Unknown	35	- 45

The components of this product are in compliance with the chemical  
 notification requirements of TSCA. All applicable chemical  
 ingredients in this material are listed on the European Inventory of  
 Existing Chemical Substances (EINECS), or are exempt polymers whose  
 monomers are listed on EINECS.

2. PHYSICAL DATA

BOILING POINT:..... N/A  
 VAPOR PRESSURE:..... N/A  
 VAPOR DENSITY:..... N/A  
 EVAPORATION RATE:..... N/A  
 SOLUBILITY IN WATER:..... nil  
 SPECIFIC GRAVITY:..... ca. 0.9 g/ml  
 PERCENT VOLATILE:..... < 1 %

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

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2. PHYSICAL DATA (continued)  
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pH:..... N/A  
VISCOSITY:..... N/A  
MELTING POINT:..... N/D

APPEARANCE AND ODOR:

Roll of Tape, transparent, slight pungent odor.

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3. FIRE AND EXPLOSION HAZARD DATA  
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FLASH POINT:..... 70 - 80 C  
FLAMMABLE LIMITS - LEL:..... N/A  
FLAMMABLE LIMITS - UEL:..... N/A  
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:

No unusual fire or explosion hazards are anticipated.

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:

None known.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Hydrocarbons.

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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:

Observe precautions from other sections. Ventilate area. Collect spilled material. Clean up residue.

RECOMMENDED DISPOSAL:

Incinerate uncured waste in an industrial or commercial incinerator. Dispose of completely cured (or polymerized) material in a sanitary landfill.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: < 1 %.  
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

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6. SUGGESTED FIRST AID  
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EYE CONTACT:

No need for first aid is anticipated.

SKIN CONTACT:

No need for first aid is anticipated.

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.

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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 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*
ACRYLIC ACID-ISOOCTYL ACRYLATE POLYMER.....	NONE	NONE	NONE	NONE	
62# DENSIFIED KRAFT SILICONE COATED PAPER RELEASE LINER.....	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.

No adverse health effects are expected from eye contact.

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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:

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.

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SECTION CHANGE DATES  
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HEADING SECTION CHANGED SINCE February 26, 1998 ISSUE

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