

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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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: INDUSTRIAL TAPE AND SPECIALTIES DIVISION

TRADE NAME:

Scotch brand No. 484 Electroplating Tape

ID NUMBER/U.P.C.:

44-0004-1957-0	-	-	-	44-0004-7492-2	-	-	-
44-0004-8590-2	-	-	-	70-0000-0234-8	00-21200-90084-6		
70-0024-0726-3	00-21200-03094-9	70-0060-0103-9	00-21200-03704-7				
70-0060-0104-7	00-21200-03705-4	70-0060-0105-4	00-21200-03706-1				
70-0060-0107-0	00-21200-03707-8	70-0060-2111-0	00-21200-04323-9				
70-0060-2112-8	00-21200-04324-6	70-0160-2006-0	00-21200-07729-6				

ISSUED: April 04, 2001

SUPERSEDES: June 23, 2000

DOCUMENT: 07-4168-6

1. INGREDIENT	C.A.S. NO.	PERCENT
POLY(VINYL CHLORIDE).....	9002-86-2	75 - 85
NATURAL RUBBER.....	9003-18-3	5 - 15
SYNTHETIC RUBBER.....	9003-55-8	5 - 15

2. PHYSICAL DATA

BOILING POINT:..... N/A
 VAPOR PRESSURE:..... N/A
 VAPOR DENSITY:..... N/A
 EVAPORATION RATE:..... N/A
 SOLUBILITY IN WATER:..... N/A

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

2. PHYSICAL DATA (continued)

SPECIFIC GRAVITY:..... 1.4 Water=1
PERCENT VOLATILE:..... nil
pH:..... N/A
VISCOSITY:..... N/A
MELTING POINT:..... N/A

APPEARANCE AND ODOR:
Roll of Tape, yellow

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, 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:
See Hazardous Decomposition section for products of combustion.

NFPA HAZARD CODES: HEALTH: 2 FIRE: 1 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

OSHA FIRE HAZARD CLASS: Not applicable

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, Hydrogen Chloride, Hydrocarbons, Oxides of Lead.

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5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Extinguish all ignition sources. Collect spilled material. Place in a closed container.

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility. Reclaim if feasible.

ENVIRONMENTAL DATA:

No data available.

REGULATORY INFORMATION:

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

Since regulations vary, consult applicable regulations or authorities before disposal. In the event of an uncontrolled release of this material, the user should determine if the release qualifies as a reportable quantity.

EPCRA HAZARD CLASS:

FIRE HAZARD: Yes 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.

INHALATION:

No need for first aid is anticipated.

IF SWALLOWED:

No need for first aid is anticipated.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Not applicable.

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7. PRECAUTIONARY INFORMATION (continued)

SKIN PROTECTION:
Not applicable.

RECOMMENDED VENTILATION:
Not applicable.

RESPIRATORY PROTECTION:
Avoid breathing of thermal decomposition products.

PREVENTION OF ACCIDENTAL INGESTION:
Do not ingest.

RECOMMENDED STORAGE:
Store at room temperature.

FIRE AND EXPLOSION AVOIDANCE:
Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
POLY(VINYL CHLORIDE).....	NONE	NONE	NONE	NONE	
NATURAL RUBBER.....	NONE	NONE	NONE	NONE	
SYNTHETIC RUBBER.....	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

8. HEALTH HAZARD DATA

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.

Practically Non-toxic by Skin Contact.

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8. HEALTH HAZARD DATA (continued)

INHALATION:

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

IF SWALLOWED:

No adverse health effects are expected from swallowing.

CANCER:

WARNING: Contains a chemical which can cause cancer. (117-81-7) (NTP anticipated human carcinogen, Calif. Proposition 65)

WARNING: Contains a chemical which can cause cancer. (12141-20-7) (IARC possible human carcinogen 2B - Inorganic Lead Compounds, ACGIH animal carcinogen A3 - Inorganic Lead Compounds, Calif. Proposition 65 - Lead Compounds)

WARNING: Contains a chemical which can cause cancer. (Lead Compounds) (Calif. Proposition 65)

REPRODUCTIVE/DEVELOPMENTAL TOXINS:

BIS(2-ETHYLHEXYL) PHTHALATE (117-81-7) has been shown to cause reproductive and developmental health effects in animal studies.

WARNING: Contains a chemical which can cause birth defects, reproductive harm, and developmental effects. (12141-20-7)

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.

SECTION CHANGE DATES

HEADING	SECTION CHANGED SINCE June 23, 2000	ISSUE
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