

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
 55144-1000
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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:

NO. 417, 429, 434, 435 AND 436 ALUMINUM FOIL TAPE

ID NUMBER/U.P.C.:

70-0000-0191-0	00-21200-90057-0	70-0000-0192-8	00-21200-90058-7
70-0000-0208-2	00-21200-90068-6	70-0000-0210-8	00-21200-90070-9
70-0000-1237-0	00-21200-90430-1	70-0060-0821-6	00-21200-03944-7
70-0060-1523-7	00-21200-04094-8	70-0060-3002-0	00-21200-04812-8
70-0060-3011-1	00-21200-04821-0	70-0060-3284-4	00-21200-05068-8
70-0060-3286-9	00-21200-05070-1	70-0060-3287-7	00-21200-05071-8
70-0060-3294-3	00-21200-05077-0	70-0060-3295-0	00-21200-05078-7
70-0060-3296-8	00-21200-05079-4	70-0060-3297-6	00-21200-05080-0
70-0060-3298-4	00-21200-05081-7	70-0060-3300-8	00-21200-05083-1
70-0060-3301-6	00-21200-05084-8	70-0060-3305-7	00-21200-05088-6
70-0060-3306-5	00-21200-05089-3	70-0060-4216-5	00-21200-11660-5
70-0060-6416-9	00-21200-16365-4	70-0061-0109-4	00-21200-67642-0
70-0061-0110-2	00-21200-67641-3	70-0061-0547-5	00-21200-67874-5
70-0061-0641-6	00-21200-67905-6	70-0061-4553-9	00-21200-87607-3
70-0061-4554-7	00-21200-87608-0	70-0061-4555-4	00-21200-87609-7
70-0160-2024-3	00-21200-07745-6	70-0160-2347-8	00-21200-12179-1
70-0160-2348-6	00-21200-12180-7	70-0160-2354-4	00-21200-12178-4

ISSUED: March 27, 2001

SUPERSEDES: November 10, 1999

DOCUMENT: 06-6669-3

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

1. INGREDIENT	C.A.S. NO.		PERCENT
ALUMINUM.....	7429-90-5	40	- 70
STYRENE-BUTADIENE POLYMER.....	9003-55-8	15	- 40
ACRYLATE POLYMER.....	TradeSecret	10	- 30

A Material Safety Data Sheet is not required by the OSHA Hazard Communication Standard (29CFR 1910.1200) for this product. This MSDS is provided as a service to customers.

This product contains the following toxic chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR Part 372:
ALUMINUM

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

APPEARANCE AND ODOR:

Roll of Tape, Aluminum color, slight acrylate odor

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, Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:

None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

NFPA HAZARD CODES: HEALTH: 0 FIRE: 1 REACTIVITY: 0

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3. FIRE AND EXPLOSION HAZARD DATA (continued)

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.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Not applicable.

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

ENVIRONMENTAL DATA:
Not determined.

REGULATORY INFORMATION:
Volatile Organic Compounds: N/A.
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.

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6. SUGGESTED FIRST AID (continued)

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.

SKIN PROTECTION:

Not applicable.

RECOMMENDED VENTILATION:

Not applicable.

RESPIRATORY PROTECTION:

Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:

Not applicable.

RECOMMENDED STORAGE:

Not applicable.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
ALUMINUM.....	10	MG/M3	TWA	ACGIH	
ALUMINUM.....	15	MG/M3	TWA	OSHA	
		AS TOTAL DUST			
ALUMINUM.....	5	MG/M3	TWA	OSHA	
		RESPIRABLE			
STYRENE-BUTADIENE POLYMER.....	NONE	NONE	NONE	NONE	
ACRYLATE POLYMER.....	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,

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
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by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration
- 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.

INHALATION:

No adverse health effects are expected from inhalation exposure.

IF SWALLOWED:

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

Physical Blockage: signs/symptoms include abdominal pain.

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 November 10, 1999 ISSUE

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