

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
 St. Paul, Minnesota
 55144-1000
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DIVISION: ELECTRICAL PRODUCTS DIVISION
 TRADE NAME:
 2222 Cellular Mastic
 ID NUMBER/U.P.C.:
 VE-0000-3411-0 00-54007-49702-8
 ISSUED: August 21, 2001
 SUPERSEDES: August 16, 2001
 DOCUMENT: 16-4663-7

1. INGREDIENT	C.A.S. NO.	PERCENT
KAOLIN.....	1332-58-7	38.0 - 43.0
POLYBUTYLENE.....	9003-29-6	20.0 - 25.0
CALCIUM CARBONATE.....	471-34-1	5.0 - 10.0
ALIPHATIC HYDROCARBONS.....	68003-51-0	5.0 - 10.0
POLYISOBUTYLENE.....	9003-27-4	5.0 - 10.0
ISOBUTYLENE-ISOPRENE POLYMER.....	9010-85-9	3.0 - 10.0
CARBON BLACK.....	1333-86-4	2.0 - 3.0
ASPHALT.....	8052-42-4	5.0 - 8.0

The components of this product are in compliance with the chemical
 notification requirements of TSCA.

ALL COMPONENTS ARE ON THE TSCA, EINECS, AND CDSL CHEMICAL
 INVENTORIES AND ARE INCORPORATED INTO THE POLYMER MATRIX.

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. 1.20 Water=1 ASTM
 PERCENT VOLATILE:..... nil
 pH:..... N/A
 VISCOSITY:..... N/A
 MELTING POINT:..... N/D

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

2. PHYSICAL DATA (continued)

APPEARANCE AND ODOR:
Black roll with release liner

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:
Carbon dioxide, Dry chemical, Foam

SPECIAL FIRE FIGHTING PROCEDURES:
Not applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS:
No unusual fire or explosion hazards are anticipated.

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

OSHA FIRE HAZARD CLASS: Not applicable

4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:
Not applicable.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon Monoxide and Carbon Dioxide.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:
Not applicable.

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5. ENVIRONMENTAL INFORMATION (continued)

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility. Dispose of waste product in a sanitary landfill.

ENVIRONMENTAL DATA:

Not applicable.

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.

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.

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7. PRECAUTIONARY INFORMATION (continued)

RESPIRATORY PROTECTION:
Not applicable.

PREVENTION OF ACCIDENTAL INGESTION:
Wash hands after handling and before eating.

RECOMMENDED STORAGE:
Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:
Not applicable.

HMIS HAZARD RATINGS: HEALTH: 0 FLAMMABILITY: 2 REACTIVITY: 0
PERSONAL PROTECTION: X

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
KAOLIN.....	2	MG/M3	TWA	ACGIH	
		RESPIRABLE			
KAOLIN.....	10	MG/M3	TWA	OSHAV	
		AS DUST			
		OSHA VACATED PEL			
KAOLIN.....	15	MG/M3	TWA	OSHA	
		AS TOTAL DUST			
KAOLIN.....	5	MG/M3	TWA	OSHA	
		RESPIRABLE			
POLYBUTYLENE.....	NONE	NONE	NONE	NONE	
CALCIUM CARBONATE.....	10	MG/M3	TWA	ACGIH	
ALIPHATIC HYDROCARBONS.....	NONE	NONE	NONE	NONE	
POLYISOBUTYLENE.....	NONE	NONE	NONE	NONE	
ISOBUTYLENE-ISOPRENE POLYMER.....	NONE	NONE	NONE	NONE	
CARBON BLACK.....	3.5	MG/M3	TWA	ACGIH	
CARBON BLACK.....	3.5	MG/M3	TWA	OSHA	
CARBON BLACK.....	0.5	MG/M3	TWA	CMRG	
ASPHALT.....	0.5	MG/M3	TWA	ACGIH	
		as fume			

* 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:

- ACGIH: American Conference of Governmental Industrial Hygienists
 - CMRG: Chemical Manufacturer Recommended Exposure Guidelines
 - OSHA: Occupational Safety and Health Administration
 - OSHAV: Occupational Safety and Health Administration Vacated PEL.
- Vacated Permissible Exposure Limits (PEL) are enforced as

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
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the OSHA PEL in some states. Check with your local regulatory authority.

- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

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.

CANCER:

WARNING: Contains a chemical which can cause cancer. (1333-86-4)
(IARC possible human carcinogen 2B)

WARNING: Contains a chemical which can cause cancer. (8052-42-4)
(IARC possible human carcinogen 2B, Calif. Proposition 65)

SECTION CHANGE DATES

INGREDIENTS SECTION CHANGED SINCE August 16, 2001 ISSUE

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Transport Information Document

Date: June 11, 2010

3M ID Number: 80-6105-9441-0

Product Description: 3M(TM) Scotch-Seal(TM) Mastic Tape 2229-3-3/4x10FT, 3 3/4 in x 10 ft (102 mm x 3,05 m), 8 per case

Transport Protective Service: PROTECTIVE SERVICE NOT REQUIRED

NMFC Item: 050230

NMFC Sub: 00

NMFC Class: 070.0

Flash Point (Closed-cup): No Flash Point

UNITED STATES DEPARTMENT OF TRANSPORTATION - GROUND (U.S. DOT, 49 CFR)

NOT REGULATED

UNITED STATES DEPARTMENT OF TRANSPORTATION - VESSEL (U.S. DOT, 49 CFR)

NOT REGULATED

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA)

NOT REGULATED

INTERNATIONAL MARITIME ORGANIZATION (IMO)

NOT REGULATED

The classification is authorized by the Competent Authority of the United States of America and may not meet the requirements of other competent authorities.

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