

MATERIAL SAFETY 3M
DATA SHEET 3M Center
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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	OSHA	
	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
 - OSHA: 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*

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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