

MSDS

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

Copyright, 2001, Minnesota Mining and Manufacturing Company. All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing 3M products is allowed provided that:

- 1) the information is copied in full with no changes unless prior agreement is obtained from 3M, and
2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

DIVISION: ELECTRICAL PRODUCTS DIVISION

TRADE NAME:

SSB Mastic Pad with liners; bagged
ID NUMBER/U.P.C.: 78-8096-4533-2 - - - 78-8114-3201-8 - - -
ISSUED: March 28, 2001
SUPERSEDES: October 25, 2000
DOCUMENT: 08-4407-6

Table with 3 columns: 1. INGREDIENT, C.A.S. NO., PERCENT. Rows include POLYBUTYLENE, TALC, ASPHALT, ISOBUTYLENE-ISOPRENE POLYMER, ETHYLENE-PROPYLENE TERPOLYMER, CARBON BLACK, HYDROGEN SULPHIDE.

IN CASE OF EMERGENCY: THE NUMBERS AT THE TOP OF THIS PAGE PROVIDE 24 HOUR RESPONSE FROM ANY PHONE FOR ALL EMERGENCIES WITH THIS PRODUCT. The components of this product are in compliance with the chemical notification requirements of TSCA.

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. 0.95 g/cc
PERCENT VOLATILE: N/A
pH: N/A
VISCOSITY: N/D
MELTING POINT: N/A

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

---

2. PHYSICAL DATA (continued)

---

APPEARANCE AND ODOR:

Solid block or slab, Black, tacky mastic. Rubbery odor.

---

3. FIRE AND EXPLOSION HAZARD DATA

---

FLASH POINT:..... N/D  
FLAMMABLE LIMITS - LEL:..... N/D  
FLAMMABLE LIMITS - UEL:..... N/D  
AUTOIGNITION TEMPERATURE:..... N/D

EXTINGUISHING MEDIA:

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:

Not applicable.

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

---

4. REACTIVITY DATA

---

STABILITY: Stable

INCOMPATIBILITY - MATERIALS/CONDITIONS TO AVOID:

Strong Oxidizing Agents.

HAZARDOUS POLYMERIZATION: Hazardous polymerization will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide and Carbon Dioxide, Oxides of Sulfur, Hydrocarbons, Hydrogen Sulfide.

---

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

---

5. ENVIRONMENTAL INFORMATION

---

SPILL RESPONSE:

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

RECOMMENDED DISPOSAL:

Dispose of according to the policies/procedures contained in the 3M  
Waste Management Program Manual and the instructions provided on the  
Waste Stream Profile Reference Sheet. Consult your Waste Management  
(RCRA) Coordinator with any questions.

ENVIRONMENTAL DATA:

Not determined.

REGULATORY INFORMATION:

Volatile Organic Compounds: N/D.  
VOC Less H<sub>2</sub>O & Exempt Solvents: N/D.

Since regulations vary, consult applicable regulations or authorities  
before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S.  
EPA Hazardous).

OTHER ENVIRONMENTAL INFORMATION:

EPCRA 311/312 Reportable Quantity = Not Reportable.

Transportation Information: Not regulated, all transportation modes.

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.

---

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

-----  
 7. PRECAUTIONARY INFORMATION  
 -----

EYE PROTECTION:

Wear safety glasses with side shields.

SKIN PROTECTION:

Avoid skin contact with hot material.

RECOMMENDED VENTILATION:

Provide appropriate local exhaust when product is heated. Use in a well-ventilated area.

RESPIRATORY PROTECTION:

Avoid breathing of fumes.

PREVENTION OF ACCIDENTAL INGESTION:

Not an expected route of exposure.

RECOMMENDED STORAGE:

Store under normal warehouse conditions.

FIRE AND EXPLOSION AVOIDANCE:

Prevent all sources of ignition.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
POLYBUTYLENE.....	NONE	NONE	NONE	NONE	
TALC.....	2	MG/M3	TWA	OSHA	
		RESPIRABLE			
TALC.....	2	MG/M3	TWA	ACGIH	
		RESPIRABLE			
TALC.....	0.5	MG/M3	TWA	CMRG	
		AS RESPIRABLE DUST			
ASPHALT.....	0.5	MG/M3	TWA	ACGIH	
		as fume			
ISOBUTYLENE-ISOPRENE POLYMER.....	NONE	NONE	NONE	NONE	
ETHYLENE-PROPYLENE TERPOLYMER.....	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	
HYDROGEN SULPHIDE.....	10	PPM	TWA	ACGIH	
HYDROGEN SULPHIDE.....	15	PPM	STEL	ACGIH	
HYDROGEN SULPHIDE.....	10	PPM	TWA	OSHAV	
		OSHA VACATED PEL			
HYDROGEN SULPHIDE.....	15	PPM	STEL	OSHAV	
		OSHA VACATED PEL			

\* SKIN NOTATION: Listed substances indicated with 'Y' under SKIN refer to the potential contribution to the overall exposure by the cutaneous route

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

EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
------------	-------	------	------	------	-------

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 the OSHA PEL in some states. Check with your local regulatory authority.

- 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.

INHALATION:

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

IF SWALLOWED:

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

SECTION CHANGE DATES

PRECAUTIONARY INFO. SECTION CHANGED SINCE October 25, 2000 ISSUE

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

---

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date issued. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

3M provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, 3M makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the MSDS available directly from 3M.