

MATERIAL SAFETY 3M
 DATA SHEET 3M Center
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DIVISION: ENGINEERED ADHESIVES
 TRADE NAME:

Weatherban (TM) PF 5422 or 5423 Ribbon Sealant (PC)
 ID NUMBER/U.P.C.:

62-5422-0052-2	00-21200-83511-7	62-5422-0054-8	00-21200-83507-0
62-5422-0102-5	00-21200-83512-4	62-5422-0104-1	00-21200-83505-6
62-5422-0154-6	00-21200-83506-3	62-5422-0204-9	00-21200-83501-8
62-5422-0302-1	00-21200-83509-4	62-5422-0304-7	00-21200-83504-9
62-5422-0352-6	00-21200-83510-0	62-5422-0454-0	00-21200-83502-5
62-5422-0511-7	00-21200-30082-0	62-5422-0804-6	00-21200-83503-2
62-5422-1204-8	00-21200-83508-7	62-5423-0052-0	00-21200-83515-5
62-5423-0102-3	00-21200-83516-2	62-5423-0151-0	00-21200-83736-4
62-5423-0302-9	00-21200-83513-1	62-5423-0352-4	00-21200-83514-8
62-5423-0452-2	00-21200-83523-0	62-5423-0801-0	00-21200-83751-7
62-5423-1101-4	00-21200-43750-2	62-5423-1451-3	00-21200-43751-9
62-5423-1701-1	00-21200-83682-4		

ISSUED: May 30, 2001
 SUPERSEDES: April 19, 2001
 DOCUMENT: 11-3392-5

1. INGREDIENT	C.A.S. NO.	PERCENT	
CALCIUM CARBONATE.....	471-34-1	30.0	- 40.0
ISOBUTYLENE-ISOPRENE POLYMER.....	9010-85-9	10.0	- 25.0
KAOLIN.....	1332-58-7	10.0	- 20.0
PETROLEUM HYDROCARBON.....	64741-88-4	10.0	- 20.0
CARBON BLACK.....	1333-86-4	3	- 7
POLYTERPENE RESIN.....	25719-60-2	1.0	- 5
CONTINUOUS FIBERS ++.....	None		< 1.0

++ Continuous fibers present only in 5422.

2. PHYSICAL DATA	
BOILING POINT:.....	N/A
VAPOR PRESSURE:.....	N/A
VAPOR DENSITY:.....	N/A
EVAPORATION RATE:.....	N/A

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

2. PHYSICAL DATA (continued)

SOLUBILITY IN WATER:..... Very slight
SPECIFIC GRAVITY:..... 1.600 Water=1
PERCENT VOLATILE:..... 0.00 % by wt
pH:..... N/A
VISCOSITY:..... N/A
MELTING POINT:..... N/D

APPEARANCE AND ODOR:
reinforced tape, black

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... NONE
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:
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: 0 REACTIVITY: 0
UNUSUAL REACTION HAZARD: none

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, Toxic Vapors, Gases or
Particulates.

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5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Observe precautions from other sections. Collect spilled material.
Place in a U.S. DOT-approved container.

RECOMMENDED DISPOSAL:

Incinerate in an industrial or commercial facility in the presence of
a combustible material. 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: Yes CHRONIC: No

6. SUGGESTED FIRST AID

EYE CONTACT:

Immediately flush eyes with large amounts of water. Get immediate
medical attention.

SKIN CONTACT:

Wash affected area with soap and water.

INHALATION:

No need for first aid is anticipated.

IF SWALLOWED:

Drink two glasses of water. Call a physician.

7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact. Wear safety glasses with side shields.

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7. PRECAUTIONARY INFORMATION (continued)

SKIN PROTECTION:

Avoid prolonged or repeated skin contact. Wear appropriate gloves when handling this material.

RECOMMENDED VENTILATION:

Not applicable.

RESPIRATORY PROTECTION:

Avoid breathing of dust created by cutting, sanding or grinding.

PREVENTION OF ACCIDENTAL INGESTION:

Do not ingest.

RECOMMENDED STORAGE:

Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Not applicable.

EXPOSURE LIMITS

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
CALCIUM CARBONATE.....	10	MG/M3	TWA	ACGIH	
ISOBUTYLENE-ISOPRENE POLYMER.....	NONE	NONE	NONE	NONE	
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			
PETROLEUM HYDROCARBON.....	5	MG/M3	TWA	CMRG	
CARBON BLACK.....	3.5	MG/M3	TWA	ACGIH	
CARBON BLACK.....	3.5	MG/M3	TWA	OSHA	
CARBON BLACK.....	0.5	MG/M3	TWA	CMRG	
POLYTERPENE RESIN.....	NONE	NONE	NONE	NONE	
CONTINUOUS FIBERS ++.....	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:

- ACGIH: American Conference of Governmental Industrial Hygienists
- CMRG: Chemical Manufacturer Recommended Exposure Guidelines

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EXPOSURE LIMITS (continued)

INGREDIENT	VALUE	UNIT	TYPE	AUTH	SKIN*
- 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:

Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

SKIN CONTACT:

Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

INHALATION:

No adverse health effects are expected from inhalation exposure.

IF SWALLOWED:

Ingestion may cause:

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

SECTION CHANGE DATES

HEADING SECTION CHANGED SINCE April 19, 2001 ISSUE

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