

**Section 1 - Chemical Product and Company Identification**

**Product Name** JM EPDM Peel and Stick Products

**CAS#** None Assigned

**Generic Name** Rubber Tape

**Formula** Article

**Chemical Name:** Article

**Hazard Label** Not applicable

**Manufacturer Information**

Johns Manville  
Roofing Systems Group  
P.O. Box 5108  
Denver, CO 80127 USA

Telephone: 303-978-2000 8:00AM-5:00PM M-F  
Internet Address: <http://www.jm.com>  
Emergency: 800-424-9300 (Chemtrec, In English)

**Trade Names:**

JM EPDM Peel & Stick Cover Strip;  
JM EPDM Peel & Stick Flashing;  
JM EPDM Peel & Stick Inside/Outside Corners;  
JM EPDM Peel & Stick Pipe Flashing;  
JM EPDM Peel & Stick Sealing Strip;

JM EPDM Peel & Stick T-Joint Patch;  
JM EPDM Peel & Stick Universal Pipe Boots;  
JM EPDM Peel & Stick Walkway Pads;  
JM EPDM Reinforced Termination Strip (RTS) with/without tape;  
JM EPDM Seam Tape

**Section 2 - Composition / Information on Ingredients**

CAS #	Component	Percent
Not Available	Olefin polymer	45-52
Not Available	Butyl rubber	<40
Not Available	Rubber based adhesive	0-40
Not Available	Phenolic binder	3-7
1333-86-4	Carbon black	3-7
1314-13-2	Zinc oxide	3
1309-60-0	Lead peroxide	0-3
120-78-5	2,2'-Dibenzothiazyl disulfide	1

**Additional Component Information**

The products listed above are articles as so defined by the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard at 29 CFR 1910.1200. Each has an end-use that is dependant upon its shape and design, and will not release or otherwise result in exposure to hazardous chemicals under normal conditions of use. Ingredients and exposure limits are given for reference only.

**Section 3 - Hazards Identification**

**Emergency Overview**

APPEARANCE AND ODOR: Black, pliable solid; rubber odor.

Under normal conditions of use and handling, this product is not expected to create any health or safety hazards.

**Potential Health Effects**

**Summary**

The products listed above are articles as so defined under OSHA's Hazard Communication Standard at 29 CFR 1910.1200. Each has an end-use that is dependant upon its shape and design, and will not release or otherwise result in exposure to hazardous chemicals under normal conditions of use.

**Inhalation**

Not applicable

**Skin**

Not applicable

**Absorption**

Not applicable

**Ingestion**

Not applicable

**Eyes**

Not applicable

**Primary Routes of Entry (Exposure)**

None.

**Target Organs**

None.

**Medical Conditions Aggravated by Exposure**

None.

**Section 4 - First Aid Measures**

**First Aid: Inhalation**

Not applicable

**First Aid: Skin**

Not applicable

**First Aid: Ingestion**

Product is not intended to be ingested or eaten. If this product is ingested, severe irritation of the gastrointestinal (GI) tract may occur, and should be treated symptomatically. Seek medical attention.

**First Aid: Eyes**

Not applicable

**First Aid: Notes to Physician**

Not applicable

**Section 5 - Fire Fighting Measures**

**Flash Point:** >110°C/230°F

**Upper Flammable Limit (UFL):** Not applicable

**Auto Ignition:** Not determined

**Rate of Burning:** Not determined

**General Fire Hazards**

There is no potential for spontaneous fire or explosion.

**Fire Fighting Equipment/Instructions**

No special procedures are expected to be necessary for this product. Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases.

**Method Used:** Not determined

**Lower Flammable Limit (LFL):** Not applicable

**Flammability Classification:** Not determined

**Section 6 - Accidental Release Measures**

**Containment Procedures**

No special procedures necessary

**Clean-Up Procedures**

Wastes may be hazardous as defined by the Resource Conservation and Recovery Act (RCRA; 40 CFR 261). Comply with state and local regulations for disposal of lead containing products. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the Environmental Protection Agency (EPA).

**Section 7 - Handling and Storage**

**Handling Procedures**

No special procedures necessary

**Storage Procedures**

Warehouse storage should be in accordance with package directions, if any. Material should be kept dry, and protected from moisture.

**Section 8 - Exposure Controls / Personal Protection**

**Exposure Guidelines**

**A: General Product Information**

No special procedures necessary

**B: Component Exposure Limits**

**Carbon black (1333-86-4)**

ACGIH: 3.5 mg/m3 TWA  
OSHA: 3.5 mg/m3 TWA

**Zinc oxide (1314-13-2)**

ACGIH: 2 mg/m3 TWA (respirable fraction)  
10 mg/m3 STEL (respirable fraction)  
OSHA: 5 mg/m3 TWA (fume); 10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)  
10 mg/m3 STEL (fume)

**PERSONAL PROTECTIVE EQUIPMENT**

**Personal Protective Equipment: Eyes/Face**

Not required

**Personal Protective Equipment: Skin**

Not required

**Personal Protective Equipment: Respiratory**

Not required

**Ventilation**

No special protective measures are necessary for use of this product in that it is an article, and under normal conditions of use is not expected to release, or otherwise result in exposure to a hazardous chemical.

**Personal Protective Equipment: General**

None.

**Section 9 - Physical & Chemical Properties**

<b>Appearance:</b>	Black pliable solid.	<b>Odor:</b>	Rubber
<b>Physical State:</b>	Solid	<b>pH:</b>	Not applicable
<b>Vapor Pressure:</b>	Not applicable	<b>Vapor Density:</b>	Not applicable
<b>Boiling Point:</b>	Not determined	<b>Melting Point:</b>	Not determined
<b>Solubility (H<sub>2</sub>O):</b>	Insoluble	<b>Specific Gravity:</b>	0.88
<b>Evaporation Rate:</b>	Not applicable	<b>Viscosity:</b>	Not applicable
<b>Percent Volatile:</b>	0	<b>VOC:</b>	Not applicable

**Section 10 - Chemical Stability & Reactivity Information**

**Chemical Stability**

This is a stable material. This product is not reactive.

**Hazardous Decomposition**

Carbon monoxide, carbon dioxide, various hydrocarbons, phenols, lead oxide fumes, zinc oxide fumes.

**Hazardous Polymerization**

Will not occur.

**Section 11 - Toxicological Information**

**Acute Toxicity**

**A: General Product Information**

Because it will not release, or otherwise result in exposure to a hazardous chemical under normal conditions of use, this product is not expected to cause any acute toxicological effects.

**B: Component Analysis - LD50/LC50**

**Carbon black (1333-86-4)**

Oral LD50 Rat: >15400 mg/kg; Dermal LD50 Rabbit: >3 g/kg

**Zinc oxide (1314-13-2)**

Oral LD50 Rat: >5000 mg/kg

**2,2'-Dibenzothiazyl disulfide (120-78-5)**

Oral LD50 Rat: >12 g/kg; Dermal LD50 Rabbit: >7940 mg/kg

**Carcinogenicity****A: General Product Information**

No additional information available.

**B: Component Carcinogenicity****Carbon black (1333-86-4)**

ACGIH: A4 - Not Classifiable as a Human Carcinogen

IARC: Group 2B - Possibly Carcinogenic to Humans (IARC Monograph 65, 1996)

**Chronic Toxicity**

None known.

**Section 12 - Ecological Information****Ecotoxicity****A: General Product Information**

No data available for this product.

**B: Component Analysis - Ecotoxicity - Aquatic Toxicity**

No ecotoxicity data are available for this product's components.

**Section 13 - Disposal Considerations****US EPA Waste Number & Descriptions****A: General Product Information**

Wastes are not hazardous as defined by the Resource Conservation and Recovery Act (RCRA; 40 CFR 261). Comply with state and local regulations for disposal of solid wastes. If you are unsure of the regulations, contact your local Public Health Department, or the local offices of the Environmental Protection Agency (EPA).

**B: Component Waste Numbers**

No EPA Waste Numbers are applicable for this product's components.

**Disposal Instructions**

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

**Section 14 - Transportation Information****Shipping Name:** This product is not classified as a hazardous material for transport.**Section 15 - Regulatory Information****US Federal Regulations****A: General Product Information**

SARA 311/312: This product is not classified as hazardous under SARA 311/312.

**B: Component Analysis**

None of this product's components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

**State Regulations****A: General Product Information**

Other state regulations may apply. Check individual state requirements.

**B: Component Analysis - State**

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS #	CA	FL	MA	MN	NJ	PA
Carbon black	1333-86-4	Yes	No	Yes	Yes	Yes	Yes
Zinc oxide	1314-13-2	Yes	No	Yes	Yes	Yes	Yes
Lead peroxide	1309-60-0	No	No	Yes	No	Yes	No

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):  
WARNING! This product contains a chemical known to the state of California to cause cancer.**Carbon black CAS# 1333-86-4****Other Regulatory Information****A: General Product Information**

No information available for the product.

**B: TSCA Status**

This product and its components are listed on the TSCA 8(b) inventory.

None of the components listed in this product are listed on the TSCA Export Notification 12(b) list.

**C: Component Analysis - Inventory**

Component	CAS #	TSCA	DSL	EINECS
Carbon black	1333-86-4	Yes	Yes	Yes
Zinc oxide	1314-13-2	Yes	Yes	Yes
Lead peroxide	1309-60-0	Yes	Yes	Yes
2,2'-Dibenzothiazyl disulfide	120-78-5	Yes	Yes	Yes

**Component Analysis - WHMIS IDL**

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Carbon black	1333-86-4	1 % (English Item 309, French Item 1271)
Zinc oxide	1314-13-2	1 % (English Item 1717, French Item 1326)
2,2'-Dibenzothiazyl disulfide	120-78-5	1 % (English Item 507, French Item 789)

**Section 16 - Other Information****Other Information**

Prepared for:  
Johns Manville  
Roofing Systems Group  
P. O. Box 5108  
Denver, CO USA 80217-5108

Prepared by:  
Johns Manville Technical Center  
P.O. Box 625005  
Littleton, CO USA 80162-5005

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

Date	MSDS #	Reason
08/01/00	3010-1.0000	New MSDS authoring system.
10/22/03	3010-1.0101	Update Section 8, Zinc oxide; Update Section 15, State data, Zinc oxide
11/13/03	3010-1.0102	Minor edits.
07/20/05	3010-1.0201	Regulatory update: Sections 11 LD50 and 15 WHMIS
07/10/06	3010-1.0202	Addition of JM EPDM Peel & Stick Inside/Outside Corners, JM EPDM Peel & Stick T-Joint Patch, JM EPDM Peel & Stick Universal Pipe Boots, JM EPDM Peel & Stick Walkway Pads. 'UltraGard' replaced by 'JM'.

This is the end of MSDS # 3010