

**Section 1 - Product and Company Identification**

**Hazard Label** None Required

**Company Information**

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

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Internet Address: <http://www.jm.com>  
Emergency: 800-424-9300 (Chemtrec, In English)

**Trade Names:**

AlumaWeld RetroDrain;  
CD-10 Fasteners & Plates;  
DynaTred & DynaTred Plus Walkway Pads;  
EPDM Splice Tabs, Uncured;  
Expand-O-Flash® Expansion Joint Covers;  
Expand-O-Flex® Flexible Closure;  
Expand-O-Gard® Expansion Joints & Transitions;  
Extra High Load Fasteners and Plates;  
Flex-I-Drain®;  
Foil Tape;  
FP-10 One Way® Vents;  
Hercules RetroDrain;  
High Load ASAP Fasteners;  
High Load Fasteners and Plates;  
Intersections & Transition Details;  
JM EPDM Corners (inside & outside);  
JM EPDM Membrane Battens;  
JM EPDM Metal/Membrane Flashing;  
JM EPDM Penetration Pan;  
JM EPDM Termination Systems;  
JM Polyester Mat Protection Slipsheet;

JM TPO & TPO Extra Fastening System;  
LWC CR Base Sheet Fasteners;  
NTB Fasteners;  
PC/PET RetroDrain;  
Polymer Auger Fasteners;  
Pre-Cut Cricket;  
Pre-Cut Miter;  
Presto Lock® Fascia & Coping Systems;  
Presto Stop™ Systems;  
Presto-Tite™ Fascia System;  
PVC Fasteners (Pitch Pocket, Termination Bars);  
RetroDrain®;  
Single Ply All Purpose Fasteners;  
SPM® Fasteners, Bars, Disks, & Plates;  
Structural Concrete Deck Fasteners;  
SuperDome RetroDrain;  
UIA Application Cart;  
UltraFast®: Fasteners & Plates, ASAP Fasteners, Pre-Assembled Fasteners;  
UltraLok™;  
USII RetroDrain

**Section 2 - Hazards Identification**

**Emergency Overview**

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

**Inhalation**

Not expected under normal conditions of use.

**Skin**

Not expected under normal conditions of use.

**Ingestion**

Not expected under normal conditions of use.

**Eyes**

Not expected under normal conditions of use.

**Section 3 - Composition/Information on Ingredients**

**General Product Description**

Various shapes, designs and colors with metal and rubber parts.

**Section 4 - First Aid Measures**

**First Aid: Inhalation**

None required

**First Aid: Skin**

None required

**First Aid: Ingestion**

None required

**First Aid: Eyes**

None required

**Section 5 - Fire Fighting Measures**

**Flash Point:** Not applicable  
**Upper Flammable Limit (UFL):** Not applicable  
**Auto Ignition:** Not determined  
**Rate of Burning:** Not determined

**Method Used:** Not applicable  
**Lower Flammable Limit (LFL):** Not applicable  
**Flammability Classification:** Not determined

**General Fire Hazards**

There is no potential for spontaneous fire or explosion.

**Extinguishing Media**

Carbon dioxide (CO<sub>2</sub>), water, water fog, dry chemical.

**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.

**Section 6 - Accidental Release Measures****Clean-Up Procedures**

Pick up large pieces. Vacuum dusts.

**Section 7 - Handling and Storage****Handling Procedures**

Use protective equipment as described in Section 8 of this safety data sheet when handling uncontained material. Handle in accordance with good industrial hygiene and safety practices.

**Storage Procedures**

Warehouse storage should be in accordance with package directions, if any. Material should be kept clean, dry, and in original packaging.

**Section 8 - Exposure Controls / Personal Protection****A: Component Exposure Limits**

This material has no components listed.

**PERSONAL PROTECTIVE EQUIPMENT****Personal Protective Equipment: Eyes/Face**

None required

**Personal Protective Equipment: Skin**

None required

**Personal Protective Equipment: Respiratory**

None required

**Ventilation**

None required

**Section 9 - Physical & Chemical Properties**

**Appearance:** Various shapes, designs and colors with metal and rubber parts

**Odor:** No significant odor

**Physical State:** Solid

**pH:** Not determined

**Vapor Pressure:** Not applicable

**Vapor Density:** Not applicable

**Boiling Point:** Not determined

**Melting Point:** Not applicable

**Solubility (H<sub>2</sub>O):** Nil

**Specific Gravity:** Variable

**Freezing Point:** Not applicable

**Evaporation Rate:** Not applicable

**Viscosity:** Not applicable

**Percent Volatile:** 0

**VOC:** Not applicable

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

These products are not reactive.

**Hazardous Polymerization**

Will not occur.

**Section 11 - Toxicological Information****Component Analysis - LD50/LC50**

This material has no components listed.

**Component Carcinogenicity**

This material has no components listed.

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

Not expected to be dangerous to the environment.

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

This material has no components listed.

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

This product is not expected to be a hazardous waste when it is disposed of according to the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Product characterization after use is recommended to ensure proper disposal under federal and/or state requirements.

**B: Component Waste Numbers**

This material has no components listed.

**Disposal Instructions**

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

**Section 14 - Transport Information****International Transport Regulations**

These products are not classified as dangerous goods according to international transport regulations.

**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**

This material has no components listed.

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

Other state regulations may apply. Check individual state requirements.

**B: Component Analysis - State**

This material has no components listed.

**A: TSCA Status**

This material has no components listed.

**International Regulations****A: General Product Information**

These products are considered articles under both U.S. and international product regulations and as such, these products do not require registration or notification on the various country-specific inventories.

**B: Component Analysis - WHMIS IDL**

This material has no components listed.

**WHMIS Classification**

This is not a WHMIS controlled product. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations. This SDS contains all the information required by the Controlled Products Regulations.

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

Prepared for:  
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Roofing Systems

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Prepared by:  
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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.

<b>Date</b>	<b>MSDS #</b>	<b>Reason</b>
08/01/00	3201-1.0000	New MSDS authoring system.
10/26/00	3201-1.0001	Sect. 1, Trade Names: added 'EPDM Strips, Peel and Stick'
02/27/02	3201-1.0002	Sect. 1 Trade Names, added UIA Application Cart.
05/06/03	3201-1.0003	Sect. 1, added trade names: UG EPDM Penetration Pan, UG EPDM corners inside/outside.
01/14/04	3201-1.0004	Minor edits.
03/17/04	3201-1.0005	Sect. 1, Trade Names: added UltraLok™
09/14/05	3201-1.0006	Addition of UltraGard TPO & TPO Extra Fastening System to trade names.
12/30/05	3201-1.0007, 1.0008	Section 14 Transportation addition of DOT, IATA, and IMDG info for EPDM Splice Kit containing JM SA Primer and Urethane Sealant only.
07/10/06	3201-1.0009	'UltraGard' replaced by 'JM' for EPDM products. Addition of Extra High Load Fasteners and Plates, Hercules RetroDrain, PC/PET RetroDrain, Polymer Auger Fasteners, Pre-Cut Cricket, Pre-Cut Miter, Structural Concrete Deck Fasteners, SuperDome RetroDrain, & USII RetroDrain. Moved EPDM Strips, Peel and Stick to MSDS 3010.
03/14/2007	3201-1.0010	Addition of Single Ply All Purpose Fasteners to trade names.
07/30/08	3201-1.0011	Addition of AlumaWeld Drain to trade names. Updated SDS to GHS format.

End of Sheet 3201