

Section 1 - Product and Company Identification

Hazard Label None Required

Company Information

Johns Manville
Roofing Systems
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:

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 Single Ply 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 (CO₂), 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 (H₂O): 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:
Johns Manville
Roofing Systems

P. O. Box 5108
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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.

| Date | MSDS # | Reason |
|-------------|------------------------|---|
| 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. |
| 10/04/11 | 3201-1.0012 | Update Trade Name |

End of Sheet 3201