

PRODUCT DATA SHEET Firetemp® Intumescent Strip

Description

Firetemp® Intumescent Strip is simply an intumescent compound that has been pressed into the form of a strip to provide a flexible wrap approximately two inches wide. The strip can be easily wrapped around the circumference of a plastic pipe and inserted between the pipe and the substrate to form an effective firestopping system.

Use

Firetemp® Intumescent Strips are designed to form an effective firestopping barrier for plastic pipes in instances where access may be limited due to the positioning of the penetrating pipe or the arrangement of construction members. These thin, flexible strips can be wrapped around the combustible pipe and inserted into the annular space as described in the listings. When exposed to temperatures of approximately 300° F (149° C) the Firetemp® Intumescent Strip expands rapidly, forming a dense insulating char which effectively closes off the burning pipe.

Advantages

- Convenient and easy to install
- Reduces labor time and expense
- When properly installed, exposure to fire and/or temperatures exceeding 300° F (149° C) produces a high-density char that expands to seal the annular space.
- No waste – simply roll out and cut as needed for the specific application
- Water resistant – insoluble in water
- Excellent resistance to UV radiation
- Documented aging properties

Installation

Place layers of Firetemp® Intumescent Strip around penetrant as specified by UL and ITS Warnock Hersey listings. Slide the layers of strip into the annular space per the applicable listings. If required, apply Firetemp® CI Caulk to complete the installation.

Availability

2" (50 mm) x 40' (12.2 m) Rolls - 1 Roll per Case

Technical Services

For technical information and assistance regarding Firetemp® PPC applications, code approvals, and performance specifications, call 1-888-322-1129. Outside of the USA and in Canada, call (604) 515-1788. If this piece is more than one year old, please contact Johns Manville for the current information.

Test Standards

- ASTM E 814
- UL 1479
- ULC S115-M95
- For Canada test differential 50 PA minimum (0.20 inch of water)



Disclaimer: All technical advice, recommendations and services rendered by the seller are gratis. They are based on technical data which the seller believes to be reliable and are intended for use by persons having the skills and know how, at their own discretion and risk. In no event will the seller be liable for any consequential damages arising out of the use of this product.



Section 1 - Chemical Product and Company Identification

Product Name Fire Protection Systems Accessories

CAS# Article

Generic Name Coupling

Formula Not Applicable

Chemical Name: Not Applicable

Hazard Label

Manufacturer Information

Johns Manville Insulation Group

Fire Protection Systems

P.O. Box 5108

Denver, CO 80127

Telephone: 303-978-2000

Internet Address: <http://www.jm.com>

Emergency: 800-424-9300 (Chemtrec)

Trade Names: Firetemp® Plastic Pipe Collar (PPC); Firetemp® Intumescent Strip

Section 2 - Composition / Information on Ingredients

Additional Component Information

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 dependent upon its shape and design, and will not release or otherwise result in exposure to hazardous chemicals under normal conditions of use.

Section 3 - Hazards Identification

Emergency Overview

APPEARANCE AND ODOR: Various metal shapes and Intumescent strips.

Under normal conditions of use, this product is not expected to create any unusual emergency hazards.

In the event of fire, use normal fire fighting procedures to prevent inhalation of smoke and gases.

Potential Health Effects

Summary

The products listed above are articles as so defined by the OSHA Hazard Communication Standard at 29 CFR 1910.1200. Each has an end-use that is dependent upon its shape and design, and will not release or otherwise result in exposure to hazardous chemicals under normal conditions of use. Consequently, no health effects from working with these products are expected to occur. Accessory products such cements, coatings, and adhesives may contribute hazards to the work area. Review material safety data sheets for accessory products before use.

Inhalation

Not applicable

Skin

Not applicable.

Absorption

Not applicable

Ingestion

Not applicable.

Eyes

Not applicable.

Target Organs

None

Primary Routes of Entry (Exposure)

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

Not applicable.

First Aid: Eyes

Not applicable.

First Aid: Notes to Physician

Not applicable.

Section 5 - Fire Fighting Measures

Flash Point: Not applicable

Upper Flammable Limit (UFL): Not applicable

Auto Ignition: Not determined

Rate of Burning: Not determined

General Fire Hazards

There is no potential for fire or explosion.

Extinguishing Media

Carbon dioxide (CO2), water, water fog, dry chemical.

Fire Fighting Equipment/Instructions

Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products.

Method Used: Not applicable

Lower Flammable Limit (LFL): Not applicable

Flammability Classification: Not determined

Section 6 - Accidental Release Measures

Containment Procedures

Pick up large pieces. Vacuum dust. If sweeping is necessary, use a dust suppressant such as water. Do not dry sweep dust accumulation. These procedures will help to minimize potential exposures.

Clean-Up Procedures

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 these 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 precautions are required.

Storage Procedures

No special precautions are required.

Section 8 - Exposure Controls / Personal Protection

Exposure Guidelines

A: General Product Information

No information available for the product.

B: Component Exposure Limits

This material has no components listed.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Not required.

Personal Protective Equipment: Skin

Not required.

Personal Protective Equipment: Respiratory

Respiratory protection is not required when using this product.

Ventilation

No special ventilation systems are required when using this product.

Personal Protective Equipment: General

Not applicable.

Section 9 - Physical & Chemical Properties

Appearance:	Various metal shapes and designs.	Odor:	No significant odor
Physical State:	Solid	pH:	Not applicable
Vapor Pressure:	Not determined	Vapor Density:	Not applicable
Boiling Point:	Not applicable	Melting Point:	Not applicable
Solubility (H2O):	NIL	Specific Gravity:	Variable
Freezing Point:	Not applicable	Evaporation Rate:	Not applicable
Viscosity:	Not applicable	Percent Volatile:	Not applicable
VOC:	Not applicable		

Section 10 - Chemical Stability & Reactivity Information

Chemical Stability

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

Hazardous Decomposition

None.

Hazardous Polymerization

Will not occur.

Section 11 - Toxicological Information

Acute Toxicity

A: General Product Information

None.

B: Component Analysis - LD50/LC50

Carcinogenicity

A: General Product Information

No data for this product as a whole.

B: Component Carcinogenicity

This material has no components listed.

Chronic Toxicity

None.

Section 12 - Ecological Information

Ecotoxicity

A: General Product Information

No information available for the product.

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 regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations.

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 - Transportation Information**US DOT 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**

The occupational Safety and Health Administration (OSHA), National Toxicology Program (NTP), International Agency for Research on Cancer (IARC), and American conference of Government Industrial Hygienists (ACGIH) have not classified this product as a carcinogen. The following is information on carcinogen classifications of this product's components:

B: Component Analysis

This material has no components listed.

State Regulations**A: General Product Information**

No information available.

B: Component Analysis - State

This material has no components listed.

Other Regulatory Information**A: General Product Information**

No information available.

B: TSCA Status

This material has no components listed.

C: Component Analysis - Inventory

This material has no components listed.

Component Analysis - WHMIS IDL

This material has no components listed.

Section 16 - Other Information**Other Information**

Prepared for:

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Prepared by:

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Date
10/05/01

MSDS #
1.0001

Reason
Section 1: Trade Names added Firetemp Plastic Pipe Collar (PPC) and Intumescent Strip.

This is the end of MSDS # 2102