

PRODUCT DATA SHEET Firetemp® Putty Pads

Description

Firetemp® Putty Pads are for the protection of electrical outlet boxes. This one component fire-rated material is moldable and non curing. After it has been properly installed, the putty pad will form an insulating char when exposed to extreme heat or direct flame. In the event of fire, the putty will prevent the spread of smoke and flame through the building assembly.

Use

Firetemp® Putty Pads are used to maintain the hourly rating of fire-rated walls containing electrical outlet boxes, while also reducing sound transmission. Only one pad thickness is required for a 1 to 2-hour fire rating. The pads are required in building codes for fire-rated partitions where horizontal separation of opposite-facing electrical boxes is less than 24 inches.

Advantages

- Material that expands and forms a protective char when exposed to fire and high temperatures
- Made of non-toxic material-completely safe to use
- Can be applied with hands requiring no special tools
- Adheres to all common construction materials
- Reduces labor costs as it is supplied ready for use

Installation

Prior to applying a Firetemp® Putty Pad remove any water, excess dirt and/or dust from the area of application. Remove the plastic from one side of the putty pad. Line the pad up with one side of the box and fold over onto all surfaces of the electrical box, ensuring that the penetration is overlapped with the pad. Remove the remaining plastic and work the putty to an even thickness, ensuring that everything is securely covered. To seal the conduits where they enter the box, work putty into a ball to securely cover the area.

Availability

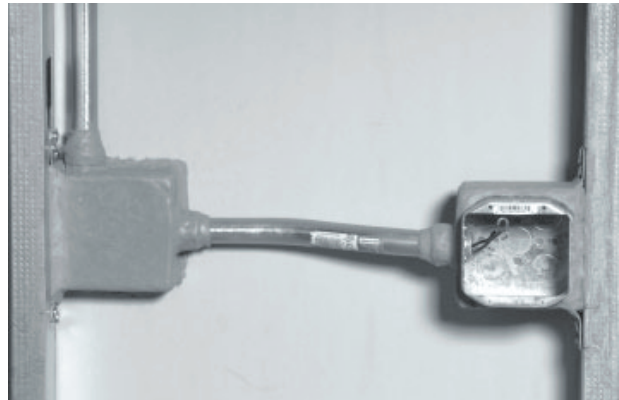
1/8 inch thick pads, 7 1/4" (184 mm) by 7 1/4" (184 mm), 20 per case

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

- UL 263 (ASTM-E 119, NFPA 251)
- ULC S-115-M95



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® Putty Pad

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: Thin sheet of putty with plastic wrapper on one side. No significant odor.

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 in Section 1 are articles under OSHA's Hazard Communication Standard (29 CFR 1910.1200) and do not require a material safety data sheet or hazard warning label. An article is a manufactured item which is formed to specific shape or design which has an end-use function(s) dependent in whole or in part upon its shape or design during end use; and which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical and does not pose a physical hazard or health risk to employees.

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

No special procedures necessary

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: | Thin sheet of putty with plastic wrapper on one side. | 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

This material has no components listed.

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:
Johns Manville Insulation Group
Fire Protection Systems
P.O. Box 5108
Denver, CO 80217-5108

Prepared by:
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P.O. Box 625005
Littleton, CO USA 80162-5005

| Date | MSDS # | Reason |
|----------|-------------|--------------|
| 10/10/00 | 2103-1.0000 | New Product. |

This is the end of MSDS # 2103