

CLASSIFICATION: 07 84 00 Firestopping, 07 84 13 Penetration Firestopping

PRODUCT DESCRIPTION: The EZ-Path® Retrofit Device is designed to restore the ratings for overfilled cable sleeve penetrations. The device features a built-in fire and smoke sealing system that can attach either to the sleeve or the barrier surface. The EZ-Path® Retrofit Device consists of a heavy gauge galvanized steel housing containing intumescent materials that expand rapidly when exposed to fire or high temperatures to close off the void area. Its unique two-piece design quickly installs around cable bundles and extended sleeves and can even accommodate standard conduit bushings. The square device shape allows cable exit or entry from multiple directions. Applications EZ-Path® Retrofit Device restores non-compliant overfilled sleeve conditions in walls and floors. Cable capacity ranges from 50 to 100% visual fill. The twopiece split device facilitates installation around existing cable bundles. The steel backplate attaches directly to the end of the steel sleeve. For flush-mounted sleeves, mounting tabs allow for attachment to the substrate. EZ-Path® Retrofit Devices are sized for 2" (2.197" to 2.375" or 56 mm to 60 mm OD) and 4" (4.500" or 114 mm) trade size EMT or rigid steel conduit sleeves or stubs. No additional putty or sealant is required. Existing putty or sealant may be left in place.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
 Basic Method

Threshold Disclosed Per

- Material
 Product

Threshold level

- 100 ppm
 1,000 ppm
 Per GHS SDS
 Per OSHA MSDS
 Other

Residuals/Impurities

- Considered
 Partially Considered
 Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

EZ-PATH® RETROFIT DEVICE (EZDR200 & EZDR400) [GRAPHITE LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED BM-2 POLYPROPYLENE GLYCOL LT-UNK METHYLENE BISPHENYL DIISOCYANATE (PURE MDI) LT-UNK | RES | MUL | SKI | EYE | CAN POLYMERIC MDI (PMDI) LT-UNK | RES | MUL | CAN UNDISCLOSED LT-UNK CARBON BLACK LT-1 | CAN UNDISCLOSED LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

None.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: N/A

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

PREPARER: Self-Prepared
VERIFIER:

SCREENING DATE: 2019-03-12
PUBLISHED DATE: 2019-04-30

Yes
 No

VERIFICATION #:

EXPIRY DATE: 2022-03-12



Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

EZ-PATH® RETROFIT DEVICE (EZDR200 & EZDR400)

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: There are no residuals in this product

OTHER PRODUCT NOTES: There are no residuals in this product.

GRAPHITE

ID: 7782-42-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-03-12

#: 2.00 - 4.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Intumescent

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: There are no residuals found in this material.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-03-12

#: 2.00 - 4.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Binder Component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: There are no residuals in this material.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-03-12

#: 1.00 - 3.00

GS: BM-2

RC: None

NANO: No

ROLE: Plasticizer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: There are no residuals in this material.

POLYPROPYLENE GLYCOL

ID: 25322-69-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-03-12**

#: **0.50 - 1.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Binder Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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No hazards found

SUBSTANCE NOTES: There are no residuals in this material.

METHYLENE BISPHENYL DIISOCYANATE (PURE MDI)

ID: 101-68-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-03-12**

#: **0.50 - 1.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Binder Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
RESPIRATORY	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: There are no residuals in this material.

POLYMERIC MDI (PMDI)

ID: 9016-87-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-03-12**

#: **0.10 - 0.50** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Binder Component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: There are no residuals in this material.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-03-12**

#: **0.10 - 0.20**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Surfactant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		

SUBSTANCE NOTES: There are no residuals in this material.

CARBON BLACK

ID: **1333-86-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-03-12**

#: **0.05 - 0.10**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Colorant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: There are no residuals in this material.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-03-12**

#: **0.05 - 0.10**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Catalyst**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

No hazards found

SUBSTANCE NOTES: **There are no residuals in this material.**

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS

N/A

CERTIFYING PARTY: **Self-declared**

APPLICABLE FACILITIES: **All.**

CERTIFICATE URL:

https://files.stifirestop.com/5.%20Safety%20Data%20Sheets/1.%20English/SDS_EZ-Path%20Retrofit%20Device.pdf

ISSUE

EXPIRY

CERTIFIER OR

DATE:

DATE:

LAB: **Self-**

2017-
05-05

declared.

CERTIFICATION AND COMPLIANCE NOTES: **Not applicable. Not a wet applied product or type of insulation. See SDS under Certificate URL.**

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

Specifications All new data comm cable penetrations shall be routed through factory-supplied, maintenance-free, fire-rated pathway devices (Ex. EZ-Path® Fire Rated Pathways). For existing sleeves where cable fill percentage exceeds listed system specifications, a factory-supplied, fire-rated retrofit device shall be installed. The device shall be a two-piece split design with intumescent materials and allow 50 to 100 percent visual fill. The device shall be UL Certified and tested to ASTM E814 (UL1479) and CAN/ULC-S115. The device shall be EZ-Path® Retrofit Device. Performance EZ-Path® Retrofit Device is UL Certified in accordance with ASTM E814 (UL 1479 and CAN/ULC-S115). Systems are available for common floor and wall construction with ratings up to and including 2 Hr. L Ratings range from <1 to 10.7 CFM dependent upon cable types, sizes, and configurations. Refer to UL System for more details. Features & Benefits • Easy to install. • No Additional firestopping required. • Sized for 2” (2.197” to 2.375” or 56 mm to 60 mm OD) and 4” (4.500” or 114 mm) trade size EMT or rigid steel conduit sleeves or stubs • 50%-100% cable fill • Works with extended or flush sleeves • Bring overfilled sleeves back into code compliance!



MANUFACTURER INFORMATION

MANUFACTURER: **Specified Technologies Inc.**

ADDRESS: **210 Evans Way**

Somerville NJ 08876, United States

WEBSITE: **www.stifirestop.com**

CONTACT NAME: **George Gornick, LEED Green Associate**

TITLE: **Applications Engineer**

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KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material

Nested Method / Product Threshold Substances listed within each material per threshold indicated per product

Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC

Preparer Third party preparer, if not self-prepared by manufacturer

Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.