

HPD UNIQUE IDENTIFIER: 29073

CLASSIFICATION: 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 Level ☐ 100 ppm ☒ 1,000 ppm ☐ Per GHS SDS ☐ Other	Residuals/Impurities ☒ Considered ☐ Partially Considered ☐ Not Considered Explanation(s) provided for Residuals/Impurities? ☒ Yes ☐ No	<i>All Substances Above the Threshold Indicated Are:</i> Characterized ☐ Yes Ex/SC ☒ Yes ☐ No <i>% weight and role provided for all substances.</i> Screened ☐ Yes Ex/SC ☒ Yes ☐ No <i>All substances screened using Priority Hazard Lists with results disclosed.</i> Identified ☐ Yes Ex/SC ☐ Yes ☒ No <i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i>
Threshold Disclosed Per ☐ Material ☒ Product			

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-P1 | RES METHYLENE BISPHENYL

DIISOCYANATE (PURE MDI) LT-UNK | MUL | RES | CAN | SKI | EYE

POLYMERIC MDI (PMDI) LT-UNK | MUL | RES | CAN UNDISCLOSED

LT-UNK CARBON BLACK BM-1 | CAN UNDISCLOSED LT-UNK]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-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? ☐ Yes ☒ No	PREPARER: Self-Prepared VERIFIER: VERIFICATION #:	SCREENING DATE: 2022-07-06 PUBLISHED DATE: 2022-07-06 EXPIRY DATE: 2025-07-06
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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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-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: 2022-07-06 7:47:16

%: 2.0000 - 4.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Intumescent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

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

UNDISCLOSED ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-07-06 7:47:17

%: 2.0000 - 4.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This is part of the intumescent binder in the device.

UNDISCLOSED ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-07-06 7:47:17

%: 1.0000 - 3.0000 GS: BM-2 RC: None NANO: No SUBSTANCE ROLE: Plasticizer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This is part of the intumescent material in the device.

POLYPROPYLENE GLYCOL ID: 25322-69-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-07-06 7:47:18

%: 0.5000 - 1.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
SUBSTANCE NOTES: This is part of the intumescent material in the device.		

METHYLENE BISPHENYL DIISOCYANATE (PURE MDI)

ID: 101-68-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-07-06 7:47:18

%: 0.5000 - 1.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
RES	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
RES	EU - GHS (H-Statements) Annex 6 Table 3-1	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]

SUBSTANCE NOTES: This is part of the intumescent material in the device.

POLYMERIC MDI (PMDI)

ID: 9016-87-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2022-07-06 7:47:19

%: 0.1000 - 0.5000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
RES	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
SUBSTANCE NOTES: This is part of the intumescent material in the device.		

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-06 7:47:19		
%: 0.1000 - 0.2000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: This is part of the intumescent material in the device.				

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-06 7:47:20				
%: 0.0500 - 0.1000		GS: BM-1		RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE		AGENCY AND LIST TITLES		WARNINGS		
CAN		US CDC - Occupational Carcinogens		Occupational Carcinogen		
CAN		MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
CAN		CA EPA - Prop 65		Carcinogen - specific to chemical form or exposure route		
CAN		IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
SUBSTANCE NOTES: This is part of the intumescent material in the device.						

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-07-06 7:47:20		
%: 0.0500 - 0.1000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Catalyst
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES: This is part of the intumescent material in the device.				

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	ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
APPLICABLE FACILITIES: All.	2017-05-05		Self-declared.
CERTIFICATE URL: https://files.stifirestop.com/5.%20Safety%20Data%20Sheets/1.%20English/SDS_EZ-Path%20Retrofit%20Device.pdf			
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
PHONE: 800-992-1180, Ext. 1013
EMAIL: ggornick@stifirestop.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
BM-2 Benchmark 2 (use but search for safer substitutes)	
BM-1 Benchmark 1 (avoid - chemical of high concern)	
BM-U Benchmark Unspecified (due to insufficient data)	
LT-P1 List Translator Possible 1 (Possible Benchmark-1)	NoGS No GreenScreen.

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

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

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.