

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

PRODUCT DESCRIPTION: SpecSeal® Ready® Sleeve Pathways are a complete UL® Certified out-of-the-box solution for new cable penetrations through walls. Each sleeve kit contains a precut metallic sleeve, mounting escutcheons, intumescent escutcheon gaskets, wall labels, and the amount of putty required to seal both ends. SpecSeal® Ready® Sleeve Pathway kits are simple in design and installation. All sizes of the Sleeve Pathways include a unique pressfit end cap design to eliminate potential sharp edges and do away with the need for conduit bushings. SpecSeal® Ready® Sleeve Pathways are sized to the same O.D. as standard EMT (Electrical Mechanical Tubing) and will accept EMT accessories such as grounding bushings. Additionally, SpecSeal® Ready® Sleeve Pathways provide an easy method for compliance with the sleeve attachment requirements of the 2015 IBC Section 714.2 and 2018 IBC Section 714.3 without the need for struts or other bracing. Applications SpecSeal® Ready® Sleeve Pathways are used to protect or support cables in both non-rated and rated construction. SpecSeal® Ready® Sleeve Pathways are suitable for use in all common constructions including concrete floors, concrete walls, concrete block walls, and gypsum board/stud wall assemblies up to 10” (254 mm) thick.

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
SPECSEAL® READY® SLEEVE FIRESTOP SLEEVE [STEEL NoGS GRAPHITE
LT-UNK ALUMINA TRIHYDRATE BM-2 | RES CELLULOSE PULP NoGS
UNDISCLOSED LT-UNK UNDISCLOSED NoGS UNDISCLOSED LT-UNK
UNDISCLOSED LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest concern GreenScreen Benchmark or List translator Score ... LT-UNK
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: 2019-07-24

PUBLISHED DATE: 2019-07-24

EXPIRY DATE: 2022-07-24



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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

SPECSEAL® READY® SLEEVE FIRESTOP SLEEVE

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.

STEEL

ID: 12597-69-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-24

%: 75.00 - 85.00

GS: NoGS

RC: None

NANO: No

ROLE: Sleeve

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This is the zinc-plated steel sleeve and escutcheon plate assembly.

GRAPHITE

ID: 7782-42-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-24

%: 2.00 - 7.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Intumescent

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This is the intumescent contained in the sleeve gasket and firestop putty dosage.

ALUMINA TRIHYDRATE

ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-07-24

%: 2.00 - 7.00

GS: BM-2

RC: None

NANO: No

ROLE: Flame retardant

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: This is a flame retardant in the firestop putty dosage.

CELLULOSE PULP

ID: 65996-61-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-24**%: **1.00 - 4.00**GS: **NoGS**RC: **None**NANO: **No**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 binder system in the sleeve gasket.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-24**%: **1.00 - 5.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **This is the part of the binder system for the firestop putty dosage.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-24**%: **0.50 - 1.50**GS: **NoGS**RC: **None**NANO: **No**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 binder system in the intumescent gasket.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-24**%: **0.50 - 3.00**GS: **LT-UNK**RC: **None**NANO: **No**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 binder system for the firestop putty dosage.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-07-24**%: **0.10 - 1.00**GS: **LT-UNK**RC: **None**NANO: **No**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 binder system for the intumescent gasket.**

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.**

2017-07-12

CERTIFICATE URL:

https://files.stifirestop.com/5.%20Safety%20Data%20Sheets/1.%20English/SDS_Ready%20Sleeve.pdf

Self-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 data, video, communication, power, and control cables shall be installed through sleeves wherever said cables penetrate fire resistance rated barriers. The sleeve shall be sized to accommodate the present cable bundle as well as anticipated growth. The sleeve kit shall include steel escutcheon plates and intumescent firestop gaskets sized to fit the specific outside diameter of the sleeve and sandwich the barrier to lock said sleeve in place. The sleeve shall be provided with a sufficient thickness of intumescent firestop putty to seal the ends of the sleeve to restrict the passage of fire, smoke, and superheated gases. The firestop sleeve shall be UL Certified and tested to the requirements of ASTM E 814 (ANSI/UL1479) and CAN/ULC- S115. Specified Divisions Division 7 07 84 13 Penetration Firestopping Division 23 23 00 00 HVAC Division 26 26 00 00 Electrical Performance SpecSeal® Ready® Sleeve pathways are UL tested and Certified in accordance with ASTM E814 (UL1479) and CAN/ULC- S115. Systems are available for cable penetrations through common wall constructions up to and including 4 hours. **Features & Benefits** • Economical: Offers significant material and labor savings. • Ready to Install: No cutting required, no waste! • Locks Into Place: No support struts and clamps required • No External Firestop Seal Required: Factory supplied intumescent firestop gasket • Firestop Putty Provided with Kit: Sufficient to seal ends to 1" (25 mm) depth • UL Classified and Code Compliant • For Rated and Non-Rated Barriers: Putty seal impedes the passage of fire, smoke, superheated gases, particulate dust, and minimizes noise transmission

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****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.