# SpecSeal® Series Firestop Pillows by Specified Technologies Inc.

SCREENING DATE: 2026-04-14
PUBLISHED DATE: 2026-04-14
EXPIRY DATE: 2029-04-14
PREPARER: Self-Prepared

**Health Product Declaration v3.0**
created via: HPDC Online Builder

**HPD UNIQUE IDENTIFIER:** 44603950080
**HPD UNIQUE PRODUCT ID:** Not provided.
**CLASSIFICATION:** 07 84 13 Penetration Firestopping
**PRODUCT TYPE:** Mineral-Wool Blanket (Insulation)
**PRODUCT DESCRIPTION:** SpecSeal® Firestop Pillows are through-penetration firestop products resembling small cushions or soft bricks. These intumescent and highly resilient pillows are installed in openings by compressing and stacking into the opening in a brick-like fashion. SpecSeal® Firestop Pillows consist of a mineral fiber core material sealed with a water-resistant intumescent membrane. This coated core material is then heat-sealed in a tough, nonirritating, fireretardant poly bag. Applications: SpecSeal® Firestop Pillows are designed for firestopping medium to large openings containing various penetrating items such as pipes, conduits, cables, insulated metal pipes, bus ducts and HVAC ducts. Pillows are particularly well suited for applications involving data, communications, power or control cables, innerducts and cable trays. This method of sealing offers easy retrofitting of cable installations without the need to damage the firestop seal. Difficult applications such as one-sided shaft wall installations and other applications where access is restricted to one side of the assembly may be easily firestopped with this material.

## Section 1: Summary

**Basic Method / Product Threshold**

### CONTENT INVENTORY

**Inventory Reporting Format**
→ Basic Method

**Threshold Disclosed Per**
→ Product

**Threshold Level**
→ 1,000 ppm

**Residuals/Impurities Evaluation**
→ Completed

**Explanation(s) provided :**
Yes

*For all contents above the threshold, the manufacturer has:*

**Characterized** Yes
*Provided weight and role.*

**Screened** Yes
*Provided screening results using HPDC-approved methods.*

**Identified** No
*Provided name and CAS RN or other identifier.*

### 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.

**PRODUCT** | **MATERIAL OR SUBSTANCE** | *RESIDUAL OR IMPURITY* GREENSCREEN SCORE | HAZARD TYPE

**SPECSEAL® SERIES FIRESTOP PILLOWS [ CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE** LT-UNK **GRAPHITE** LT-UNK | CAN **POLYETHYLENE** LT-UNK **UNDISCLOSED** NoGS **UREA PHENOL FORMALDEHYDE** LT-UNK **ALCOHOLS, C8-22, ETHOXYLATED** LT-UNK | SKI | EYE **CHLOROTHALONIL** LT-1 | END | SKI | MUL | CAN | AQU | EYE | MAM | RES | DEV **]**

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-1

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

None.

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

### COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: N/A

### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

## 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 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard*

### SPECSEAL® SERIES FIRESTOP PILLOWS

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

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

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

#### CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: **65997-17-3**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2026-04-14 8:29:26**

%: **65.0000 - 70.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Insulator**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| None found | | No warnings found on HPD Priority Hazard Lists |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| EXEMPT | European Union / European Commission (EU EC) | EU - REACH Exemptions<br><br>Exempted from REACH Annex V listing due to intrinsic safety |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026<br><br>Cosmetics & Personal Care Products |

SUBSTANCE NOTES: Does not contain residuals.

#### GRAPHITE

ID: **7782-42-5**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2026-04-14 8:29:27**

%: **10.0000 - 20.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Intumescent**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| CAN | MAK | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| None found | | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: Does not contain residuals.

## POLYETHYLENE

ID: **9002-88-4**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-04-14 8:29:27**

%: **15.0000 - 20.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| None found | | No warnings found on HPD Priority Hazard Lists |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| None found | | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: This is the HDPE bag.

## UNDISCLOSED

ID: **Undisclosed**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-04-14 8:29:28**

%: **3.0000 - 6.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| None found | | No warnings found on HPD Priority Hazard Lists |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| None found | | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: This is a binder in the product.

## UREA PHENOL FORMALDEHYDE

ID: **25104-55-6**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-04-14 8:29:28**

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

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| None found | | No warnings found on HPD Priority Hazard Lists |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| RESTRICTED LIST | Perkins+Will (P+W) | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance |
| RESTRICTED LIST | International Living Future Institute (ILFI) | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective February 1, 2025<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |

SUBSTANCE NOTES: Does not contain residuals.

## ALCOHOLS, C8-22, ETHOXYLATED

ID: **69013-19-0**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-04-14 8:29:26**

%: **0.1000 - 0.2000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| SKI | GHS - Australia | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2] |
| EYE | GHS - Australia | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| None found | | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: Does not contain residuals.

## CHLOROTHALONIL

ID: **1897-45-6**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2026-04-14 8:29:27**

%: **0.1000 - 0.2000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Antimicrobial Pesticide**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS |
|---|---|---|
| END | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor |
| SKI | MAK | Sensitizing Substance Sh - Danger of skin sensitization |
| MUL | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters |
| CAN | CA EPA - Prop 65 | Carcinogen |
| CAN | IARC | Group 2b - Possibly carcinogenic to humans |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |

| | | |
|---|---|---|
| AQU | EU - GHS (H-Statements) Annex 6 Table 3-1 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1] |
| AQU | EU - GHS (H-Statements) Annex 6 Table 3-1 | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |
| EYE | EU - GHS (H-Statements) Annex 6 Table 3-1 | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1] |
| MAM | EU - GHS (H-Statements) Annex 6 Table 3-1 | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2] |
| MAM | GHS - Japan | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |
| CAN | GHS - New Zealand | Carcinogenicity category 2 |
| CAN | GHS - Japan | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| MAM | GHS - New Zealand | Specific target organ toxicity - repeated exposure category 1 |
| EYE | GHS - New Zealand | Serious eye damage category 1 |
| EYE | GHS - Japan | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1] |
| CAN | EU - Annex VI CMRs | Carcinogen Category 2 - Suspected human Carcinogen |
| SKI | GHS - New Zealand | Skin sensitisation category 1 |
| MAM | GHS - New Zealand | Acute inhalation toxicity category 2 |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - acute category 1 |
| AQU | GHS - Japan | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1] |
| AQU | GHS - Japan | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |
| AQU | GHS - Australia | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |
| AQU | GHS - New Zealand | Hazardous to the aquatic environment - chronic category 1 |
| AQU | GHS - Korea | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1] |
| AQU | GHS - Korea | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |
| MAM | GHS - Korea | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 2] |
| MAM | GHS - Australia | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2] |
| EYE | GHS - Australia | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1] |
| MAM | GHS - Japan | H330 - Fatal if inhaled [Acute toxicity (inhalation: dust, mist) - Category 2] |

| | | |
|---|---|---|
| CAN | GHS - Australia | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| RES | GHS - Japan | H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1A] |
| EYE | GHS - Korea | H318 - Causes serious eye damage [Serious eye damage/irritation - Category 1] |
| MAM | GHS - Korea | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |
| CAN | GHS - Korea | H351 - Suspected of causing cancer [Carcinogenicity - Category 2] |
| DEV | GHS - Japan | H362 - May cause harm to breast-fed children [Developmental Toxicity - May cause harm to breast-fed children] |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION |
|---|---|---|
| RESTRICTED LIST | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List<br><br>Antimicrobials |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025<br><br>Cosmetics and Personal Care Products |
| RESTRICTED LIST | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026<br><br>Restrictions Based on Hazard Endpoints and Risk (Silver) |

SUBSTANCE NOTES: Does not contain residuals.

## Section 3: 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 |
|---|---|

**COMPLIANCE TYPE:** Self-declared
**CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:** Self-declared
**COMPLIANCE DETAILS:**
**COMPLIANCE SCOPE:**
**APPLICABLE FACILITIES:** All.
**COMPLIANCE URL:**
https://files.stifirestop.com/5.%20Safety%20Data%20Sheets/1.%20English/SDS_SSB%20Pillows.pdf
**COMPLIANCE NOTES:** Not Applicable

**ISSUE DATE:** 2016-05-17

**EXPIRY DATE:** No expiration

## 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:
The firestopping system shall utilize an intumescent pillow heat sealed in a fire-retardant poly bag. The firestop pillow shall consist of a monolithic (one piece) core that is encapsulated on all sides by a flexible intumescent coating and shall not contain any loose fiber fill. The pillow shall be UL Classified and/or FM Systems Approved and tested to the requirements of ASTM E814 (UL1479).
Performance:
SSB Pillows are the basis for systems that meet the exacting criteria of ASTM E814 (UL1479) as well as the time-temperature requirements of ASTM E119 (UL263). Tested systems will provide up to three-hour rating for penetrations through concrete, CMU, or concrete tilt-up walls, as well as concrete or concrete over steel deck floors. Additional systems have been
tested up to three hours in gypsum board walls. AIR LEAKAGE: Tests conducted by Underwriters Laboratories for air
leakage at ambient and elevated temperatures (400°F (204˚C)) indicate that properly installed pillows seal penetrations virtually airtight.
Features & Benefits:
• Intumescent: Expands in all directions for a tough, tight seal.
• Reinstallable for easy retrofitting of cables.
• Lightweight for ease of installation. Easier wire screen requirements.
• Heat-Sealed Poly Bag: Strong & durable. No sewn seams to unravel or tear. No irritating fiberglass.
• Monolithic Encapsulated Core: No loose fill!
• No Special Tools Required!
• Superior Air Leakage Ratings!

# Section 6: References

**MANUFACTURER INFORMATION**


MANUFACTURER: **Specified Technologies Inc.**
ADDRESS: **210 Evans Way**
**Somerville, NJ 08876**
COUNTRY: **USA**

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

**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 (due to insufficient data)
**LT-P1** List Translator Possible 1 (Possible Benchmark-1)
**LT-1** List Translator 1 (Likely Benchmark-1)
**LT-UNK** List Translator Benchmark Unknown
**NoGS** No GreenScreen.

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

**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 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.*