# SpecSeal® CP100 Under Mount Connection Protection by Specified Technologies Inc.

**Health Product Declaration v2.2**

created via: HPDC Online Builder

**HPD UNIQUE IDENTIFIER:** 27337
**CLASSIFICATION:** 07 84 53 Building Perimeter Firestopping
**PRODUCT DESCRIPTION:** The CP100 is a protective cover molded from high-temperature insulation intended to protect bottom-mounted curtain wall connections for up to 2 hours. These factory supplied covers provide more reliable performance than field-applied protective systems. Applications CP100 is designed to provide fire protection curtain wall connection or anchor points located beneath the floor. Specifications The factory-supplied curtain wall connection protection system shall be designed for the express purpose of protecting curtain wall connection points and shall be tested according to ASTM E119 (ANSI/UL263) time/temperature conditions for a period of time equal to the floor assembly. It shall be UL Certified and listed in the XHDI category. Corresponding UL Certified perimeter fire barrier systems as published in the XHDG category shall bear reference to the connection protection system. The product shall be SpecSeal® CP100 Connection Protection. Specified Divisions Division 7 07 84 53 Building Perimeter Firestopping Division 8 08 44 00 Curtain Wall and Glazed Assemblies Performance CP100 is UL Certified for up to 2 hours when used with systems tested according to ASTM E2307 within the XHDG, "Perimeter-Fire-Containment Systems" category and XHDI, "Accessories for Use in Perimeter-Fire-Containment Systems" category.

## 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
- ○ 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® CP100 UNDER MOUNT CONNECTION PROTECTION [
REFRACTORY CERAMIC FIBERS (USE CMG13094) LT-1 | CAN | MUL
CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK
UNDISCLOSED LT-UNK UNDISCLOSED NoGS UNDISCLOSED BM-3
GRAPHITE LT-UNK UNDISCLOSED LT-UNK | MUL | RES | CAN | SKI | EYE ]

Number of Greenscreen BM-4/BM3 contents ... 1

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?
- ○ Yes
- ◉ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2022-01-26
PUBLISHED DATE: 2022-01-26
EXPIRY DATE: 2025-01-26

## 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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard*

### SPECSEAL® CP100 UNDER MOUNT CONNECTION PROTECTION

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.

#### REFRACTORY CERAMIC FIBERS (USE CMG13094)

ID: 142844-00-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-26 11:30:42**

%: **70.0000 - 80.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Ceramic body**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|---|---|---|
| CAN | CA EPA - Prop 65 | Carcinogen - specific to chemical form or exposure route |
| CAN | EU - REACH Annex XVII CMRs | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| CAN | EU - Annex VI CMRs | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence |
| MUL | ChemSec - SIN List | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant |
| CAN | US NIH - Report on Carcinogens | Reasonably Anticipated to be Human Carcinogen (respirable size - occupational setting) |
| CAN | GHS - Japan | H350 - May cause cancer [Carcinogenicity - Category 1B] |
| CAN | EU - GHS (H-Statements) Annex 6 Table 3-1 | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B] |

SUBSTANCE NOTES: This is the primary component of the ceramic case.

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

ID: 65997-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-26 11:30:42**

%: **10.0000 - 20.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Ceramic body**

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

SUBSTANCE NOTES: This is the secondary component of the ceramic case.

**UNDISCLOSED** ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-26 11:30:43**

%: **0.5000 - 2.0000** 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 wrap strip gasket binder.

**UNDISCLOSED** ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-26 11:30:43**

%: **0.5000 - 1.0000** GS: **NoGS** 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 wrap strip gasket.

**UNDISCLOSED** ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-26 11:30:44**

%: **0.5000 - 2.0000** GS: **BM-3** 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: This is part of the intumescent wrap strip gasket.

**GRAPHITE** ID: **7782-42-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-26 11:30:44**

%: **0.5000 - 2.0000** 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: This is part of the intumescent wrap strip gasket.

**UNDISCLOSED** ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-26 11:30:45**

%: **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 | 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 wrap strip gasket binder.

## 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_Connection%20Protection.pdf

| ISSUE DATE: | EXPIRY DATE: | CERTIFIER OR LAB: |
|---|---|---|
| 2017-01-16 | | Self-declared. |

CERTIFICATION AND COMPLIANCE NOTES: Not appilcable. 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

Features & Benefits
- Installs in less than 3 minutes
- UL Certified 2 hr. system for connection
- 100% performance: 100% of the time
- Provides visual inspection
- Provides better temperature resistance when compared to SFRM or mineral wool
- Slim profile
- Light weight

# Section 6: References

## MANUFACTURER INFORMATION


MANUFACTURER: **Specified Technologies Inc.**
ADDRESS: **210 Evans Way**
**Somerville NJ 08876, United States**
WEBSITE: **www.stifirestop.com**

CONTACT NAME: **George Gornick**
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 (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.)
**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.*