SpecSeal® Quick Clip™ Perimeter Fire Barrier System by Specified Technologies Inc.

Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 29127
CLASSIFICATION: 07 84 53 Building Perimeter Firestopping
PRODUCT DESCRIPTION: The SpecSeal® Quick Clip™ Perimeter Fire Barrier System is designed to accelerate the installation of curtain wall insulation for perimeter fire barrier systems. The system's unique U-Brackets clip onto the mullions without direct attachment by screws to support the curtain wall insulation. Self-locking fasteners secure the insulation panels in place. Each U-Bracket has a receiving slot to lock an "L-shaped" stiffener channel in place without the need for mechanical attachment by screws. Traditional methods for curtain wall insulation support often require light gauge metal to be cut and fabricated onsite and fastened into mullions with screws. The Quick Clip™ U-Brackets lock into place on the mullion with a strike from a mallet. The Quick Clip™ Z-Brackets attach to the mullion using screws for corner or non-standard applications.

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

All substances disclosed by Name (Specific or Generic) and 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.

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

SPECSEAL® QUICK CLIP™ PERIMETER FIRE BARRIER SYSTEM [
STEEL NoGS]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... NoGS

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: 2022-07-08
PUBLISHED DATE: 2022-07-08
EXPIRY DATE: 2025-07-08

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® QUICK CLIP™ PERIMETER FIRE BARRIER SYSTEM

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: **2022-07-08 11:23:43**

%: **100.0000 - 100.0000**

GS: **NoGS**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Hardware**

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

SUBSTANCE NOTES: Heat-treated galvanized steel.

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:

ISSUE DATE: 2019-03-12

EXPIRY DATE:

CERTIFIER OR LAB: 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

The insulation fasteners are faster to install than screws or weld pins and lock in by hand. The U-Brackets are designed to provide easy location for the Quick Clip™ fasteners. Unlike traditional insulation hangers with impaling pins or spikes that face out, the Quick Clip™ fasteners push in, affording workers better safety. Mullion insulation applied below the floor is secured in place with spiral screws. SpecSeal® Quick Clip™ Perimeter Fire Barrier Systems are used in conjunction with UL Certified mineral wool and SpecSeal® brand coatings.
Performance
• Tested per ASTM E2307 for fire resistance
• Tested for wind cycling exposure in accordance with ASTM E1233
- Loading Equivalent to 108 mph wind for 500 cycles
Features & Benefits
• Quick installation; fewer tools and no fasteners*
• Easy installation of stiffener channel
• Increased safety by reducing cutting sharp metal and impaling pins or spikes
• Patent pending design
*If mullion tolerances prevent snug fit of U-Brackets, a screw will be required to hold the bracket in place.

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, 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 (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.