The LightFrame is a wall system that optimizes artificial or natural light transfusion using a precise monofilament fabric.

### Section 1: Summary

**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**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SUBSTANCE</th>
<th>RESIDUAL OR IMPURITY</th>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALUMINIUM EDGE</td>
<td>3003-H14 ALUMINUM</td>
<td>LT-P1</td>
<td>RES</td>
<td>PHY</td>
</tr>
<tr>
<td>MAGNESIUM</td>
<td>LT-UNK</td>
<td>PHY UNS Z33520 ZINC ALLOY</td>
<td>LT-P1</td>
<td>AQU</td>
</tr>
<tr>
<td>MANGANESE</td>
<td>LT-P1</td>
<td>END</td>
<td>MUL</td>
<td>REP COPPER</td>
</tr>
<tr>
<td>IRON</td>
<td>LT-P1</td>
<td>END CHROMIUM</td>
<td>LT-P1</td>
<td>RES</td>
</tr>
<tr>
<td>BRACKET, CLIPS, CONNECTOR</td>
<td>AISI 10821 STEEL</td>
<td>NoGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RUBBER, NITRILE</td>
<td>LT-UNK</td>
<td>FACE FABRIC</td>
<td>POLYVINYLIDENE FLUORIDE (1,1-DIFLUOROETHENE HOMOPOLYMER)</td>
<td>LT-UNK</td>
</tr>
</tbody>
</table>

**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: VOC Emissions

LCA: Environmental Product Declaration (EPD) by UL - Industry Generic

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Material Ingredients, Option 1

---

**Nested Method / Product Threshold**

**Threshold level**

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

**Residuals/Impurities**

- Considered in 5 of 5 Materials

**Explanation(s) provided for Residuals/Impurities?**

- Yes
- No

**All Substances Above the Threshold Indicated Are:**

- Characterized
- Screened
- Identified

**Number of Greenscreen BM-4/BM3 contents**

- 0

**Contents highest concern GreenScreen Benchmark or List translator Score**

- LT-1

**Nanomaterial**

- No

**INVENTORY AND SCREENING NOTES:**

This product was screened to the 1000 ppm threshold. Ranges in material percentages are due to variation in composition across product dimensions. Ranges in substance percentages reflect composition data provided by suppliers.

---

**Third Party Verified?**

- Yes
- No

**PREPARER:** Self-Prepared

**VERIFIER:**

**VERIFICATION #:**

**SCREENING DATE:** 2020-01-14

**PUBLISHED DATE:** 2020-01-15

**EXPIRY DATE:** 2023-01-14
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

### ALUMINIUM EDGE

| %: 69.28 - 74.00 |

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** Residuals and impurities were considered and determined to be below the 1000 ppm threshold.

**OTHER MATERIAL NOTES:** The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers.

### 3003-H14 ALUMINUM

| %: 90.00 - 100.00 | GS: LT-P1 | RC: None | NANO: No | ROLE: Edge Component |

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-01-14

**HAZARD TYPE:**  
**RESPIRATORY**  
AOEC - Asthmagens  
Asthmagen (Ra) - sensitizer-induced

**PHYSICAL HAZARD (REACTIVE)**  
EU - GHS (H-Statements)  
H250 - Catches fire spontaneously if exposed to air

**PHYSICAL HAZARD (REACTIVE)**  
EU - GHS (H-Statements)  
H261 - In contact with water releases flammable gases

**ENDOCRINE**  
TEDX - Potential Endocrine Disruptors  
Potential Endocrine Disruptor

**SUBSTANCE NOTES:** N/A

### MAGNESIUM

| %: 0.00 - 4.10 | GS: LT-UNK | RC: None | NANO: No | ROLE: Edge Component |

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-01-14

**HAZARD TYPE:**  
**PHYSICAL HAZARD (REACTIVE)**  
EU - GHS (H-Statements)  
H250 - Catches fire spontaneously if exposed to air

**PHYSICAL HAZARD (REACTIVE)**  
EU - GHS (H-Statements)  
H260 - In contact with water releases flammable gases which may ignite spontaneously

**SUBSTANCE NOTES:** N/A

### UNS Z33520 ZINC ALLOY

| %: 69.63 - 74.50 |

**SUBSTANCE NOTES:** N/A
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-01-14

%: 0.00 - 4.00
GS: LT-P1
RC: None
NANO: No
ROLE: Edge Component

ACUTE AQUATIC
EU - GHS (H-Statements)
H400 - Very toxic to aquatic life

CHRON AQUATIC
EU - GHS (H-Statements)
H410 - Very toxic to aquatic life with long lasting effects

PHYSICAL HAZARD (REACTIVE)
EU - GHS (H-Statements)
H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)
EU - GHS (H-Statements)
H260 - In contact with water releases flammable gases which may ignite spontaneously

ENDOCRINE
TEDX - Potential Endocrine Disruptors
Potential Endocrine Disruptor

MULTIPLE
German FEA - Substances Hazardous to Waters
Class 2 - Hazard to Waters

SUBSTANCE NOTES: N/A

SILICON
ID: 7440-21-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-01-14

%: 0.00 - 1.90
GS: LT-UNK
RC: None
NANO: No
ROLE: Edge Component

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: N/A

MANGANESE
ID: 7439-96-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-01-14

%: 0.00 - 1.50
GS: LT-P1
RC: None
NANO: No
ROLE: Edge Component

ENDOCRINE
TEDX - Potential Endocrine Disruptors
Potential Endocrine Disruptor

MULTIPLE
German FEA - Substances Hazardous to Waters
Class 2 - Hazard to Waters

REPRODUCTIVE
GHS - Japan
Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: N/A

COPPER
ID: 7440-50-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-01-14

%: 0.00 - 1.40
GS: LT-UNK
RC: None
NANO: No
ROLE: Edge Component
<table>
<thead>
<tr>
<th>SUBSTANCE NOTES</th>
<th>ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>7439-89-6</td>
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<tr>
<td>N/A</td>
<td>7440-47-3</td>
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<tr>
<td>N/A</td>
<td>7439-92-1</td>
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</tbody>
</table>

**Iron**

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Endocrine</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
</tbody>
</table>

**Chromium**

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory</td>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (Rs) - sensitizer-induced</td>
</tr>
<tr>
<td>Endocrine</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>Skin Sensitize</td>
<td>MAK</td>
<td>Sensitizing Substance Sh - Danger of skin sensitization</td>
</tr>
</tbody>
</table>

**Lead**

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developmental</td>
<td>G&amp;L - Neurotoxic Chemicals</td>
<td>Developmental Neurotoxicant</td>
</tr>
<tr>
<td>Cancer</td>
<td>IARC</td>
<td>Group 2a - Agent is probably Carcinogenic to humans</td>
</tr>
<tr>
<td>Cancer</td>
<td>IARC</td>
<td>Group 2b - Possibly carcinogenic to humans</td>
</tr>
<tr>
<td>Cancer</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>Developmental</td>
<td>CA EPA - Prop 65</td>
<td>Developmental toxicity</td>
</tr>
<tr>
<td>PBT</td>
<td>US EPA - Priority PBTs (NWMP)</td>
<td>Priority PBT</td>
</tr>
<tr>
<td>Category</td>
<td>Source</td>
<td>Description</td>
</tr>
<tr>
<td>---------------</td>
<td>--------------------------------------------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>WA DoE - PBT</td>
<td>PBT</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>CA EPA - Prop 65</td>
<td>Reproductive Toxicity - Female</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>CA EPA - Prop 65</td>
<td>Reproductive Toxicity - Male</td>
</tr>
<tr>
<td>CANCER</td>
<td>US NIH - Report on Carcinogens</td>
<td>Reasonably Anticipated to be Human Carcinogen</td>
</tr>
<tr>
<td>PBT</td>
<td>US EPA - Toxics Release Inventory PBTs</td>
<td>PBT</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>EU - SVHC Authorisation List</td>
<td>Toxic to reproduction - Candidate list</td>
</tr>
<tr>
<td>PBT</td>
<td>OSPAR - Priority PBTs &amp; EDs &amp; equivalent concern</td>
<td>PBT - Chemical for Priority Action</td>
</tr>
<tr>
<td>PBT</td>
<td>OR DEQ - Priority Persistent Pollutants</td>
<td>Priority Persistent Pollutant - Tier 1</td>
</tr>
<tr>
<td>DEVELOPMENTAL</td>
<td>US NIH - Reproductive &amp; Developmental Monographs</td>
<td>Clear Evidence of Adverse Effects - Developmental Toxicity</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>US NIH - Reproductive &amp; Developmental Monographs</td>
<td>Clear Evidence of Adverse Effects - Reproductive Toxicity</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>EU - GHS (H-Statements)</td>
<td>H360FD - May damage fertility. May damage the unborn child</td>
</tr>
<tr>
<td>DEVELOPMENTAL</td>
<td>EU - GHS (H-Statements)</td>
<td>H362 - May cause harm to breast-fed children</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Toxic to Reproduction Category 1 - Substances known to impair fertility or cause Developmental Toxicity in humans</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>ChemSec - SIN List</td>
<td>CMR - Carcinogen, Mutagen &amp;/or Reproductive Toxicant</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 2 - Considered to be carcinogenic for man</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Korea</td>
<td>Carcinogenicity - Category 1 [H350 - May cause cancer]</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>GHS - Korea</td>
<td>Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>GHS - New Zealand</td>
<td>6.8A - Known or presumed human reproductive or developmental toxicants</td>
</tr>
<tr>
<td>GENE MUTATION</td>
<td>MAK</td>
<td>Germ Cell Mutagen 3a</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>EU - Annex VI CMRs</td>
<td>Reproductive Toxicity - Category 1A</td>
</tr>
<tr>
<td>DEVELOPMENTAL</td>
<td>GHS - Australia</td>
<td>H360Df - May damage the unborn child. Suspected of damaging fertility</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>GHS - Japan</td>
<td>Toxic to reproduction - Category 1A [H360]</td>
</tr>
</tbody>
</table>

**NICKEL**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-01-14</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.00 - 0.20</td>
<td>GS: LT-1</td>
</tr>
<tr>
<td></td>
<td>RC: None</td>
</tr>
<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td></td>
<td>ROLE: Edge Component</td>
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</table>

**ID:** 7440-02-0
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPIRATORY</td>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (Rs) - sensitizer-induced</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 1 - Agent is Carcinogenic to humans</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2b - Possibly carcinogenic to humans</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>US NIH - Report on Carcinogens</td>
<td>Known to be a human Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>US NIH - Report on Carcinogens</td>
<td>Reasonably Anticipated to be Human Carcinogen</td>
</tr>
<tr>
<td>SKIN SENSITIZE</td>
<td>EU - GHS (H-Statements)</td>
<td>H317 - May cause an allergic skin reaction</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H351 - Suspected of causing cancer</td>
</tr>
<tr>
<td>ORGAN TOXICANT</td>
<td>EU - GHS (H-Statements)</td>
<td>H372 - Causes damage to organs through prolonged or repeated exposure</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 1 - Substances that cause cancer in man</td>
</tr>
<tr>
<td>RESPIRATORY</td>
<td>MAK</td>
<td>Sensitizing Substance Sah - Danger of airway &amp; skin sensitization</td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: N/A

**BRACKET, CLIPS, CONNECTOR**

%: 14.07 - 15.03

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered and determined to be below the 1000 ppm threshold.

OTHER MATERIAL NOTES: The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers.
### AISI 10B21 STEEL

**ID:** 12597-69-2

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2020-01-14

**%:** 100.00

**GS:** NoGS

**RC:** None

**NANO:** No

**ROLE:** Mounting Hardware

**HAZARD TYPE**

None found

**AGENCY AND LIST TITLES**

**WARNINGS**

No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** N/A

### SPLINE

**%:** 6.92 - 7.39

**PRODUCT THRESHOLD:** 1000 ppm

**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** Residuals and impurities were considered and determined to be below the 1000 ppm threshold.

**OTHER MATERIAL NOTES:** The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers.

### RUBBER, NITRILE

**ID:** 9005-98-5

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2020-01-14

**%:** 100.00

**GS:** LT-UNK

**RC:** None

**NANO:** No

**ROLE:** Spline Component

**HAZARD TYPE**

None found

**AGENCY AND LIST TITLES**

**WARNINGS**

No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** N/A

### FACE FABRIC

**%:** 2.10 - 5.71

**PRODUCT THRESHOLD:** 1000 ppm

**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** Residuals and impurities were considered and determined to be below the 1000 ppm threshold.

**OTHER MATERIAL NOTES:** The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers.
### POLYVINYLIDENE FLUORIDE (1,1-DIFLUOROETHENE HOMOPOLYMER)

**ID:** 24937-79-9

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-01-14

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<tr>
<th>%:</th>
<th>95.00 - 100.00</th>
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<tbody>
<tr>
<td>GS:</td>
<td>LT-UNK</td>
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<td>RC:</td>
<td>None</td>
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<tr>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>ROLE:</td>
<td>Fabric Component</td>
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</tbody>
</table>

**HAZARD TYPE**

None found

**AGENCY AND LIST TITLES**

No warnings found on HPD Priority Hazard Lists

**WARNINGS**

N/A

**SUBSTANCE NOTES:** N/A

---

### DIFFUSORS

**%:** 1.48 - 4.02

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** Residuals and impurities were considered and determined to be below the 1000 ppm threshold.

**OTHER MATERIAL NOTES:** The percent ranges represent the variation in composition across all available product dimensions. Ranges within specific substances reflect composition data provided by suppliers.

---

### 1-PROPENE, 1,1,2,3,3,3-HEXAFLUORO-, POLYMER WITH ETHENE, 1,1,1,2,2,3,3-HEPTAFLUORO-3-[(TRIFLUOROETHENYL)OXY]PROPANE AND TETRAFLUOROETHENE

**ID:** 74499-71-1

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-01-14

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<th>%:</th>
<th>100.00</th>
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</thead>
<tbody>
<tr>
<td>GS:</td>
<td>NoGS</td>
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<td>RC:</td>
<td>None</td>
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<tr>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>ROLE:</td>
<td>Diffusor Component</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

None found

**AGENCY AND LIST TITLES**

No warnings found on HPD Priority Hazard Lists

**WARNINGS**

N/A

**SUBSTANCE NOTES:** N/A
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

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Third Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All facilities</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>California Department of Public Health CDPH/EHLB/Standard Method Version 1.1, 2010</td>
</tr>
</tbody>
</table>

LCA

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Third Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All facilities</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>EPD was certified by UL Environment</td>
</tr>
</tbody>
</table>

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

This Health Product Declaration was prepared by Sustainable Solutions Corporation of Royersford, PA on behalf of CertainTeed Decoustics. Mounting hardware for installation is included in the material inventory for this HPD. For further information about installation, use, and maintenance, please visit https://decoustics.com/ This HPD meets the requirements for LEED v4 Material Ingredients, Option 1; however, it does not meet the requirements for LEED v4 Material Ingredient Option 2, which cannot be met due to lack of information from suppliers down to the 100ppm threshold.
## MANUFACTURER INFORMATION

**MANUFACTURER:** Saint Gobain  
**ADDRESS:** 61 Royal Group Crescent, Woodbridge Ontario L4H 1X9, Canada  
**WEBSITE:** https://decoustics.com/  
**CONTACT NAME:** Lou Bartella  
**TITLE:** Senior Engineering and Operations Manager  
**PHONE:** (905) 652-5227  
**EMAIL:** Lou.Bartella@saint-gobain.com

## KEY

<table>
<thead>
<tr>
<th>OSHA MSDS</th>
<th>GHS SDS</th>
<th>Hazard Types</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Occupational Safety and Health Administration Material Safety Data Sheet</td>
<td>Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet</td>
<td>Aquatic toxicity, Cancer, Developmental toxicity, Endocrine activity, Eye irritation/corrosivity, Gene mutation, Global warming, Mammalian/systemic/organ toxicity, Neurotoxicity, Multiple hazards, Ozone depletion, Persistent Bioaccumulative Toxic</td>
<td>Aquatic toxicity (AQU), Cancer (CAN), Developmental toxicity (DEV), Endocrine activity (END), Eye irritation/corrosivity (EYE), Gene mutation (GEN), Global warming (GLO), Mammalian/systemic/organ toxicity (MAM), Neurotoxicity (NEU), Multiple hazards (MUL), Ozone depletion (OZO), Persistent Bioaccumulative Toxic (PBT), Physical Hazard (reactive) (PHY), Reproductive toxicity (REP), Respiratory sensitization (RES), Skin sensitization/irritation/corrosivity (SKI), Land Toxicity (LAN), Not found on Priority Hazard Lists (NF)</td>
</tr>
</tbody>
</table>

## 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)

## 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

- 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.