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.

INVENTORY AND SCREENING NOTES:
Number of Greenscreen BM-4/BM3 contents........ 1
Contents highest concern GreenScreen Benchmark or List translator Score.............. LT-P1
Nanomaterial............. No

VOLATILE ORGANIC COMPOUND (VOC) CONTENT
VOC Content data is not applicable for this product category.

CONSISTENCY WITH OTHER PROGRAMS
Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?
Yes ☐ No ☐

Preparer: Self-Prepared
Verifiyer:
Verification #: 

Screening Date: 2018-01-05
Published Date: 2018-01-10
Expiry Date: 2021-01-05
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, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

<table>
<thead>
<tr>
<th>STEELCRAFT L SERIES DOOR WITH POLYURETHANE CORE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT THRESHOLD: 1000 ppm</td>
</tr>
<tr>
<td>RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were collected for all raw materials included in this product. All chemicals that fall above the stated threshold are included in this section.</td>
</tr>
<tr>
<td>OTHER PRODUCT NOTES:</td>
</tr>
</tbody>
</table>

**IRON (IRON)**

<table>
<thead>
<tr>
<th>%: 96.1190</th>
<th>GB: LT-P1</th>
<th>RC: UNK</th>
<th>NANO: No</th>
<th>ROLE: Door Assembly</th>
</tr>
</thead>
</table>

HAZARDS: AGENCY(IES) WITH WARNINGS:

ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

SUBSTANCE NOTES: This substance is part of the steel alloy matrix. Due to the commodity nature of steel, the status of recycled content is unknown.

**POLYISOCYANURATE**

<table>
<thead>
<tr>
<th>%: 1.0460 - 1.0630</th>
<th>GB: NoGS</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Door Core</th>
</tr>
</thead>
</table>

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: A range is given to protect the proprietary nature of the supplier’s formulation.

**CARBON (CARBON)**

<table>
<thead>
<tr>
<th>%: 0.6440</th>
<th>GB: LT-UNK</th>
<th>RC: UNK</th>
<th>NANO: No</th>
<th>ROLE: Door Assembly</th>
</tr>
</thead>
</table>

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is part of the steel alloy matrix. Due to the commodity nature of steel, the status of recycled content is unknown.

**MANGANESE (MANGANESE)**

<table>
<thead>
<tr>
<th>%:</th>
<th>GB:</th>
<th>RC:</th>
<th>NANO:</th>
<th>ROLE:</th>
</tr>
</thead>
</table>

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This substance is part of the steel alloy matrix. Due to the commodity nature of steel, the status of recycled content is unknown.
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>HAZARDS</th>
<th>AGENCY(IES) WITH WARNINGS</th>
<th>SUBSTANCE NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER (WATER)</td>
<td>7732-18-5</td>
<td>0.4180 - 0.4400</td>
<td>BM-4</td>
<td>None</td>
<td>No</td>
<td>Door Core</td>
<td>EYE IRRITATION</td>
<td>EU - R-phrases</td>
<td>No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td>NEOPRENE (NEOPRENE)</td>
<td>9010-98-4</td>
<td>0.1890 - 0.3770</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Door Assembly</td>
<td>SKIN IRRITATION</td>
<td>EU - R-phrases</td>
<td>No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td>SILICON (SILICON)</td>
<td>7440-21-3</td>
<td>0.1520</td>
<td>LT-UNK</td>
<td>UNK</td>
<td>No</td>
<td>Door Assembly</td>
<td>EYE IRRITATION</td>
<td>R36 - Irritating to eyes</td>
<td>No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td>EPICHLOROHYDRIN-BISPHENOL A RESIN</td>
<td>25068-38-6</td>
<td>0.0990 - 0.1650</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Door Assembly</td>
<td>SKIN IRRITATION</td>
<td>EU - R-phrases</td>
<td>R36 - Irritating to skin</td>
</tr>
</tbody>
</table>
SKIN SENSITIZE | EU - R-phrases | R43 - May cause sensitization by skin contact
ACUTE AQUATIC | EU - R-phrases | R51 - Toxic to Aquatic Organisms
CHRON AQUATIC | EU - GHS (H-Statements) | H411 - Toxic to aquatic life with long lasting effects
SKIN IRRITATION | EU - GHS (H-Statements) | H315 - Causes skin irritation
SKIN SENSITIZE | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction
EYE IRRITATION | EU - GHS (H-Statements) | H319 - Causes serious eye irritation
MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters

SUBSTANCE NOTES: A range is included to protect the proprietary nature of the supplier's formulation.

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>Self-declared</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td></td>
</tr>
</tbody>
</table>

**Inherently non-emitting source per LEED®**

| ISSUE DATE: | 2018-01-04 |
| EXPIRY DATE: | |
| CERTIFIER OR LAB: | N/A |

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

While the substances listed are specific to the L18 door with polyurethane core, this HPD is representative of the full L series with polyurethane cores due to similar formulations across the full series.

Section 6: References

Steelcraft L Series Door with Polyurethane Core
hpdrepository.hpd-collaborative.org

HPD v2.1 created via HPDC Builder Page 4 of 6
MANUFACTURER INFORMATION

MANUFACTURER: Allegion
ADDRESS: 11819 N. Pennsylvania St.
Carmel IN 46032, USA
WEBSITE: www.allegion.com

CONTACT NAME: Tim Weller
TITLE: Manager of Codes, Standards and Sustainability
PHONE: 317-810-3751
EMAIL: tim.weller@allegion.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 Unspeci ed (insu cient 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.