Steelcraft L Series Door with Polyurethane Core
by Allegion

CLASSIFICATION: 08 11 00

PRODUCT DESCRIPTION: L Series doors are 1-3/4” (45mm) thick and offer a wide range of specifiable options covering sizes, core material, glass light designs, optional edge constructions and mechanical and electrical hardware preparations. Tested both internal and through certified third parties these doors provide the necessary performance to meet the broadest of opening needs. While the contents of this HPD cover the L18 door, it is representative of the full series of doors with a polyurethane core.

Section 1: Summary

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
- Per OSHA MSDS
- Other

Residuals/Impurities
- Considered
- Partially Considered
- Not Considered

Are All Substances Above the Threshold Indicated:
- Yes
- No

Characterized
- Percent Weight and Role Provided?
- Yes
- No

Screened
- Using Priority Hazard Lists with Results Disclosed?
- Yes
- No

Identified
- Name and Identifier Provided?
- Yes
- No

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
--- | --- | --- | --- | ---
STEELCRAFT L SERIES DOOR WITH POLYURETHANE CORE | IRON (IRON) | LT-P1 | END | CARBON (CARBON) LT-UNK | MANGANESE (MANGANESE) LT-P1 | END | MUL | REP WATER (WATER) BM-4 | NEOPRENE (NEOPRENE) LT-UNK | SILICON (SILICON) LT-UNK | EPICHLOROHYDRIN-BISPHENOL A RESIN (EPICHLOROHYDRIN-BISPHENOL A RESIN) LT-P1 | EYE | SKI | AQU | MUL |

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: Inherently non-emitting source per LEED®

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: 2018-01-05
PUBLISHED DATE: 2018-01-10
EXPIRY DATE: 2021-01-05

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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](http://www.hpd-collaborative.org/hpd-2-1-standard)

### STEELCRAFT L SERIES DOOR WITH POLYURETHANE CORE

<table>
<thead>
<tr>
<th>PRODUCT THRESHOLD: 1000 ppm</th>
<th>RESIDUALS AND IMPURITIES CONSIDERED: Yes</th>
</tr>
</thead>
</table>

**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.**

**Other product notes:**

### 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>

**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>

**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>

**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>%: 7439-96-5</th>
<th>GB: LT-UNK</th>
<th>RC: UNK</th>
<th>NANO: No</th>
<th>ROLE: Door Assembly</th>
</tr>
</thead>
</table>

**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.
### Steelcraft L Series Door with Polyurethane Core

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

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

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

- **REPRODUCTIVE**
  - Japan - GHS
  - Toxic to reproduction - Category 1B

**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.

### WATER (WATER)

**ID:** 7732-18-5

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

- None Found
  - No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**

- A range is included to protect the proprietary nature of the supplier's formulation.

### NEOPRENE (NEOPRENE)

**ID:** 9010-98-4

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

- None Found
  - No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**

- A range is included to protect the proprietary nature of the supplier's formulation.

### SILICON (SILICON)

**ID:** 7440-21-3

**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.

### EPICHLOROHYDRIN-BISPHENOL A RESIN (EPICHLOROHYDRIN-BISPHENOL A RESIN)

**ID:** 25068-38-6

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

- **EYE IRRITATION**
  - EU - R-phrases
  - R36 - Irritating to eyes

- **SKIN IRRITATION**
  - EU - R-phrases
  - R38 - Irritating to skin
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

**CERTIFYING PARTY:** Self-declared  
**APPLICABLE FACILITIES:** All  
**CERTIFICATE URL:**  
**CERTIFICATION AND COMPLIANCE NOTES:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>EU - R-phrases</th>
<th>GHS (H-Statements)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SKIN SENSITIZE</td>
<td>R43 - May cause sensitization by skin contact</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACUTE AQUATIC</td>
<td>R51 - Toxic to Aquatic Organisms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHRON AQUATIC</td>
<td>H411 - Toxic to aquatic life with long lasting effects</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SKIN IRRITATION</td>
<td>H315 - Causes skin irritation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SKIN SENSITIZE</td>
<td>H317 - May cause an allergic skin reaction</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EYE IRRITATION</td>
<td>H319 - Causes serious eye irritation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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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 Unspecified (insufficient 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.