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 LT-P1 | END | POLYISOCYANURATE | NgS Carbon LT-UNK MANGANESE LT-P1 | END | MUL | REP | WATER BM-4 | NEOPRENE LT-UNK | SILICON LT-UNK | UNDISCLOSED LT-P1 | AQU | SKI | EYE | MUL |

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

CERTIFICATIONS AND COMPLIANCE
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: 2018-02-13
EXPIRY DATE: 2021-01-05
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 2.1, 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

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

**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.

**OTHER PRODUCT NOTES:**

#### IRON

**ID:** 7439-89-6  
**%:** 96.1190  
**GS:** LT-P1  
**RC:** UNK  
**NANO:** No  
**ROLE:** Door Assembly

**HAZARDS:**  
**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

**ID:** 27026-93-3  
**%:** 1.0460 - 1.0630  
**GS:** NoGS  
**RC:** None  
**NANO:** No  
**ROLE:** Door Core

**HAZARDS:**  
**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

**ID:** 7440-44-0  
**%:** 0.6440  
**GS:** LT-UNK  
**RC:** UNK  
**NANO:** No  
**ROLE:** Door Assembly

**HAZARDS:**  
**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

**ID:** 7439-96-5  
**%:**

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Steelcraft L Series Door with Polyurethane Core  
[hpdcrepository.hpd-collaborative.org](http://hpdcrepository.hpd-collaborative.org)  
HPD v2.1 created via HPDC Builder Page 2 of 6
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>% Range</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>HAZARDS:</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>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>None Found</td>
<td>A range is included to protect the proprietary nature of the supplier's formulation.</td>
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<tr>
<td>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>None Found</td>
<td>A range is included to protect the proprietary nature of the supplier's formulation.</td>
</tr>
<tr>
<td>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>None Found</td>
<td>This substance is part of the steel alloy matrix. Due to the commodity nature of steel, the status of recycled content is unknown.</td>
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<tr>
<td>UNDISCLOSED</td>
<td></td>
<td>0.0990 - 0.1650</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Door Assembly</td>
<td>CHRON AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>H411 - Toxic to aquatic life with long lasting effects</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SKIN IRITRATION</td>
<td>EU - GHS (H-Statements)</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>H315 - Causes skin irritation</td>
<td></td>
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</tbody>
</table>
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>
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<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All</td>
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<tr>
<td>ISSUE DATE:</td>
<td>2018-01-04</td>
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<tr>
<td>EXPIRY DATE:</td>
<td></td>
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<tr>
<td>CERTIFIER OR LAB:</td>
<td>N/A</td>
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<tr>
<td>CERTIFICATION URL:</td>
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</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**

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**

MANUFACTURER INFORMATION

<table>
<thead>
<tr>
<th>MANUFACTURER:</th>
<th>Allegion</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDRESS:</td>
<td>11819 N. Pennsylvania St.</td>
</tr>
<tr>
<td>CONTACT NAME:</td>
<td>Tim Weller</td>
</tr>
<tr>
<td>TITLE:</td>
<td>Manager of Codes, Standards and Sustainability</td>
</tr>
</tbody>
</table>

Steelcraft L Series Door with Polyurethane Core

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