Steelcraft L Series Door with Honeycomb 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 honeycomb 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:

Characterized
- Yes
- No

Percent Weight and Role Provided?
- Yes
- No

Screened
- Yes
- No

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

Identified
- Yes
- No

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 HONEYCOMB CORE [ IRON (IRON) LT-P1 | END CELLULOSE, MICROCRYSTALLINE (CELLULOSE, MICROCRYSTALLINE) LT-P1 | PHENOL (PHENOL) LT-P1 | MAM | SKI | GEN | END | MUL | CAN FORMALDEHYDE (FORMALDEHYDE) LT-P1 | MAM | SKI | CAN | RES | GEN | MUL | END WATER (WATER) BM-4 | CARBON (CARBON) LT-UNK | MANGANESE (MANGANESE) LT-P1 | END | MUL | REP 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
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 HONEYCOMB 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 (IRON)

<table>
<thead>
<tr>
<th>%</th>
<th>ID</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>SUBSTANCE NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>93.5970</td>
<td>7439-89-6</td>
<td>LT-P1</td>
<td>UNK</td>
<td>No</td>
<td>Door Assembly</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>
</tr>
</tbody>
</table>

HAZARDS:

- AGENCY(IES) WITH WARNINGS:

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CELLULOSE, MICROCRYSTALLINE (CELLULOSE, MICROCRYSTALLINE)

<table>
<thead>
<tr>
<th>%</th>
<th>ID</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>SUBSTANCE NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.9610 - 3.1460</td>
<td>9004-34-6</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Door Core</td>
<td>A range is given to protect the proprietary nature of the supplier’s formulation.</td>
</tr>
</tbody>
</table>

HAZARDS:

- AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

PHENOL (PHENOL)

<table>
<thead>
<tr>
<th>%</th>
<th>ID</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>SUBSTANCE NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.7770 - 1.8140</td>
<td>108-95-2</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Door Core</td>
<td>R20 - Harmful by Inhalation (gas or vapor or dust/mist)</td>
</tr>
</tbody>
</table>

HAZARDS:

- AGENCY(IES) WITH WARNINGS:

MAMMALIAN

EU - R-phrases

R20 - Harmful by Inhalation (gas or vapor or dust/mist)

MAMMALIAN

EU - R-phrases

R21 - Harmful in Contact with Skin

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

MAMMALIAN

EU - R-phrases

R23 - Toxic by Inhalation (gas, vapour, dust/mist)

MAMMALIAN

EU - R-phrases

R24 - Toxic in Contact with Skin
<table>
<thead>
<tr>
<th>Substance</th>
<th>Agency(s) with warnings</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mammalian</td>
<td>EU - R-phrases</td>
<td>R25 - Toxic if Swallowed</td>
</tr>
<tr>
<td>Skin Irritation</td>
<td>EU - R-phrases</td>
<td>R34 - Causes burns</td>
</tr>
<tr>
<td>Organ Toxicant</td>
<td>EU - R-phrases</td>
<td>R48 - Danger of serious damage to health by prolonged exposure.</td>
</tr>
<tr>
<td>Gene Mutation</td>
<td>EU - R-phrases</td>
<td>R68 - May cause irreversible effects</td>
</tr>
<tr>
<td>Mammalian</td>
<td>EU - GHS (H-Statements)</td>
<td>H301 - Toxic if swallowed</td>
</tr>
<tr>
<td>Mammalian</td>
<td>EU - GHS (H-Statements)</td>
<td>H311 - Toxic in contact with skin</td>
</tr>
<tr>
<td>Skin Irritation</td>
<td>EU - GHS (H-Statements)</td>
<td>H314 - Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>Mammalian</td>
<td>EU - GHS (H-Statements)</td>
<td>H331 - Toxic if inhaled</td>
</tr>
<tr>
<td>Gene Mutation</td>
<td>EU - GHS (H-Statements)</td>
<td>H341 - Suspected of causing genetic defects</td>
</tr>
<tr>
<td>Endocrine</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</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 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
<tr>
<td>Mammalian</td>
<td>US EPA - EPCRA Extremely Hazardous Substances</td>
<td>Extremely Hazardous Substances</td>
</tr>
<tr>
<td>Gene Mutation</td>
<td>New Zealand - GHS</td>
<td>6.6A - Known or presumed human mutagens</td>
</tr>
</tbody>
</table>

**Substance Notes:** A range is given to protect the proprietary nature of the supplier's formulation.

### Formaldehyde (Formaldehyde)

**ID:** 50-00-0

<table>
<thead>
<tr>
<th>%: 1.1840 - 1.1990</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>Nano: No</th>
<th>Role: Door Core</th>
</tr>
</thead>
</table>

**Hazards:**

- **Agency(ies) with warnings:**
  - Mammalian
  - EU - R-phrases
  - R23 - Toxic by Inhalation (gas, vapour, dust/mist)
  - R24 - Toxic in Contact with Skin
  - R25 - Toxic if Swallowed
  - Skin Irritation
  - EU - R-phrases
  - R34 - Causes burns
  - Cancer
  - EU - R-phrases
  - R40 - Limited Evidence of Carcinogenic Effects
  - Skin Sensitize
  - EU - R-phrases
  - R43 - May cause sensitization by skin contact
  - Respiratory
  - AOEC - Asthmagens
  - Asthmagen (G) - generally accepted
  - Cancer
  - US EPA - IRIS Carcinogens
  - (1986) Group B1 - Probable human Carcinogen
  - Cancer
  - IARC
  - Group 1 - Agent is Carcinogenic to humans
  - Cancer
  - CA EPA - Prop 65
  - Carcinogen
  - Cancer
  - US CDC - Occupational Carcinogens
  - Occupational Carcinogen
  - Cancer
  - US NIH - Report on Carcinogens
  - Known to be a human Carcinogen
SUBSTANCE NOTES: A range is given to protect the proprietary nature of the supplier’s formulation.

### WATER (WATER)  
**ID:** 7732-18-5  
**%:** 0.9590  
**GS:** BM-4  
**RC:** None  
**NANO:** No  
**ROLE:** Door Assembly

**HAZARDS:**
None Found  
No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**

### CARBON (CARBON)  
**ID:** 7440-44-0  
**%:** 0.6270  
**GS:** LT-UNK  
**RC:** UNK  
**NANO:** No  
**ROLE:** Door Assembly

**HAZARDS:**
None Found  
No warnings found on HPD Priority lists
### Manganese (Manganese)

<table>
<thead>
<tr>
<th>%: 0.5690</th>
<th>GB: LT-P1</th>
<th>RC: UNK</th>
<th>NANO: No</th>
<th>ROLE: Door Assembly</th>
</tr>
</thead>
</table>

**HAZARDS:**

- **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

### Neoprene (Neoprene)

<table>
<thead>
<tr>
<th>%: 0.1840 - 0.3670</th>
<th>GB: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Door Assembly</th>
</tr>
</thead>
</table>

**HAZARDS:**

- None Found
  - No warnings found on HPD Priority lists

### Silicon (Silicon)

<table>
<thead>
<tr>
<th>%: 0.1480</th>
<th>GB: LT-UNK</th>
<th>RC: UNK</th>
<th>NANO: No</th>
<th>ROLE: Door Assembly</th>
</tr>
</thead>
</table>

**HAZARDS:**

- None Found
  - No warnings found on HPD Priority lists

### Epichlorohydrin-Bisphenol A Resin (Epichlorohydrin-Bisphenol A Resin)

<table>
<thead>
<tr>
<th>%: 0.0960 - 0.1610</th>
<th>GB: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Door Assembly</th>
</tr>
</thead>
</table>

**HAZARDS:**

- **Eye Irritation**
  - EU - R-phrases
  - R36 - Irritating to eyes

- **Skin Irritation**
  - EU - R-phrases
  - R38 - Irritating to skin

- **Skin Sensitize**
  - EU - R-phrases
  - R43 - May cause sensitization by skin contact

- **Acute Aquatic**
  - EU - R-phrases
  - R51 - Toxic to Aquatic Organisms

- **Chronic Aquatic**
  - EU - GHS (H-Statements)
  - H411 - Toxic to aquatic life with long lasting effects
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

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 a honeycomb core, this HPD is representative of the full L series with honeycomb core due to similar formulations across the full series.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: Allegion

CONTACT NAME: Tim Weller
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.