

Steelcraft L Series Door with Polyurethane Core by Allegion

Health Product Declaration v2.1

CLASSIFICATION: 08 11 00

created via: HPDC Online Builder

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

Basic Method / Product Threshold

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

Explanation(s) provided for Residuals/Impurities?

- Yes No

Are All Substances Above the Threshold Indicated:

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.

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

INVENTORY AND SCREENING NOTES:

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

STEELCRAFT L SERIES DOOR WITH POLYURETHANE CORE [IRON (IRON) LT-P1 | END POLYISOCYANURATE NoGS CARBON (CARBON) LT-UNK MANGANESE (MANGANESE) LT-P1 | END | MUL | REP WATER (WATER) BM-4 NEOPRENE (NEOPRENE) LT-UNK SILICON (SILICON) LT-UNK EPICHLOROXYDRIN-BISPHENOL A RESIN (EPICHLOROXYDRIN-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

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 (IRON)

ID: 7439-89-6

%: **96.1190** GS: **LT-P1** RC: **UNK** NANO: **No** ROLE: **Door Assembly**

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

ID: 27026-93-3

%: **1.0460 - 1.0630** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Door Core**

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)

ID: 7440-44-0

%: **0.6440** GS: **LT-UNK** RC: **UNK** NANO: **No** ROLE: **Door Assembly**

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)

ID: 7439-96-5

#: **0.5850**

GS: **LT-P1**

RC: **UNK**

NANO: **No**

ROLE: **Door Assembly**

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**

#: **0.4180 - 0.4400**

GS: **BM-4**

RC: **None**

NANO: **No**

ROLE: **Door Core**

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**

#: **0.1890 - 0.3770**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Door Assembly**

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**

#: **0.1520**

GS: **LT-UNK**

RC: **UNK**

NANO: **No**

ROLE: **Door Assembly**

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**

#: **0.0990 - 0.1650**

GS: **LT-P1**

RC: **None**

NANO: **No**

ROLE: **Door Assembly**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

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
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	Inherently non-emitting source per LEED®		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2018-01-	EXPIRY DATE:	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: All	04		
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES:			

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

MANUFACTURER: **Allegion**
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Carmel IN 46032, USA
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CONTACT NAME: **Tim Weller**
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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	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
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

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.