

HPD UNIQUE IDENTIFIER: 25000

CLASSIFICATION: 08 71 00 Door Hardware

PRODUCT DESCRIPTION: The L400 Series locks are designed for use as primary locks where no latching is required, such as restrooms and small doors to utility spaces. They also offer optimum security when used as auxiliary locks in other applications. Products included in this HPD are L460, L462, L463, L464, L480.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|   |  |   |   |
|---|--|---|---|
| Inventory Reporting Format                    | Threshold level                          | Residuals/Impurities  | <i>All Substances Above the Threshold Indicated Are:</i>  |
| <input type="radio"/> Nested Materials Method | <input checked="" type="radio"/> 100 ppm | <input checked="" type="radio"/> Considered                   | Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input checked="" type="radio"/> Basic Method | <input type="radio"/> 1,000 ppm          | <input type="radio"/> Partially Considered                    | <i>% weight and role provided for all substances.</i>   |
| Threshold Disclosed Per                       | <input type="radio"/> Per GHS SDS        | <input type="radio"/> Not Considered                          | Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No      |
| <input type="radio"/> Material                | <input type="radio"/> Other              | <b>Explanation(s) provided for Residuals/Impurities?</b>      | <i>All substances screened using Priority Hazard Lists with results disclosed.</i>                          |
| <input checked="" type="radio"/> Product      |  | <input checked="" type="radio"/> Yes <input type="radio"/> No | Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No    |
|   |  |   | <i>All substances disclosed by Name (Specific or Generic) and Identifier.</i>                               |

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**  
**SCHLAGE L400 SERIES** [ **IRON** LT-P1 | END **COPPER** LT-P1 | AQU **ZINC** LT-P1 | AQU | END | MUL | PHY **MANGANESE** LT-P1 | END | MUL | REP **SILICON** LT-UNK **NICKEL** LT-1 | CAN | RES | MAM | MUL | SKI **CARBON** LT-UNK **CHROMIUM** LT-P1 | END | SKI | RES **COBALT(II) SULFATE** LT-1 | AQU | CAN | REP | MUL | RES | GEN | SKI **CHROMIUM (III), INSOLUBLE SALTS** LT-P1 | END | SKI **DISTILLATE FUEL OILS, LIGHT** BM-2 | CAN | MAM **TIN** LT-UNK **CHROMIUM OXIDE** LT-P1 | SKI | CAN **ALUMINUM** BM-1 | END | RES | PHY ]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This HPD covers the following products: L460, L462, L463, L464, L480. These variations are due to minor differences in parts, and/or configurations of those parts, which result in slightly different deadbolt functions. These minor differences were evaluated for this HPD.

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: CDPH Standard Method V1.2 (Section 01350/CHPS) - Not Applicable

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: 2021-06-04

PUBLISHED DATE: 2021-06-04  
EXPIRY DATE: 2024-06-04

## 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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)

### SCHLAGE L400 SERIES

PRODUCT THRESHOLD: 100 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

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-04 18:02:10

#: 94.0000 - 95.0000 GS: LT-P1 RC: UNK NANO: No SUBSTANCE ROLE: Alloy element

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

END

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

SUBSTANCE NOTES: This substance is part of the steel alloy matrix. Range due to possible variations in alloy. Due to the commodity nature of steel, the status of recycled content is unknown. Range due to possible variations in alloy and different functions available to the customer.

#### COPPER

ID: 7440-50-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-04 18:02:11

#: 3.5000 - 4.0000 GS: LT-P1 RC: UNK NANO: No SUBSTANCE ROLE: Alloy element

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

AQU

EU - GHS (H-Statements)

H411 - Toxic to aquatic life with long lasting effects

SUBSTANCE NOTES: This substance is part of the steel alloy matrix. Range due to possible variations in alloy. Due to the commodity nature of steel, the status of recycled content is unknown. Range due to possible variations in alloy and different functions available to customer.

#### ZINC

ID: 7440-66-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-04 18:02:11

#: 1.5000 - 1.7500 GS: LT-P1 RC: UNK NANO: No SUBSTANCE ROLE: Alloy element

| HAZARD TYPE | AGENCY AND LIST TITLES                      | WARNINGS   |
|-------------|---|--|
| AQU         | EU - GHS (H-Statements)                     | H400 - Very toxic to aquatic life  |
| AQU         | EU - GHS (H-Statements)                     | H410 - Very toxic to aquatic life with long lasting effects                          |
| END         | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor  |
| MUL         | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters   |
| PHY         | EU - GHS (H-Statements)                     | H250 - Catches fire spontaneously if exposed to air                                  |
| PHY         | EU - GHS (H-Statements)                     | H260 - In contact with water releases flammable gases which may ignite spontaneously |

SUBSTANCE NOTES: This substance is part of the steel alloy matrix. Range due to possible variations in alloy. Due to the commodity nature of steel, the status of recycled content is unknown. Range due to possible variations in alloy and different functions available to customer. This substance is also an ingredient in the surface finish.

## MANGANESE

ID: 7439-96-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-04 18:02:12**

#: **0.2500 - 0.5000** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | AGENCY AND LIST TITLES                      | WARNINGS                                   |
|-------------|---|--|
| END         | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor              |
| MUL         | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                 |
| REP         | GHS - Japan                                 | Toxic to reproduction - Category 1B [H360] |

SUBSTANCE NOTES: This substance is part of the steel alloy matrix. Range due to possible variations in alloy. Due to the commodity nature of steel, the status of recycled content is unknown. Range due to possible variations in alloy and different functions available to customer.

## SILICON

ID: 7440-21-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-04 18:02:12**

#: **0.0200 - 0.0300** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                                       |
|-------------|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: Range due to possible variations in application rate.

## NICKEL

ID: 7440-02-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-04 18:02:13**

#: **0.0200 - 0.0500** GS: **LT-1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | AGENCY AND LIST TITLES                      | WARNINGS  |
|-------------|---|---|
| CAN         | EU - GHS (H-Statements)                     | H351 - Suspected of causing cancer                                    |
| CAN         | US CDC - Occupational Carcinogens           | Occupational Carcinogen   |
| CAN         | MAK   | Carcinogen Group 1 - Substances that cause cancer in man              |
| CAN         | IARC  | Group 1 - Agent is Carcinogenic to humans                             |
| CAN         | CA EPA - Prop 65                            | Carcinogen  |
| CAN         | US NIH - Report on Carcinogens              | Known to be a human Carcinogen  |
| CAN         | IARC  | Group 2b - Possibly carcinogenic to humans                            |
| RES         | AOEC - Asthmagens                           | Asthmagen (Rs) - sensitizer-induced                                   |
| CAN         | US NIH - Report on Carcinogens              | Reasonably Anticipated to be Human Carcinogen                         |
| MAM         | EU - GHS (H-Statements)                     | H372 - Causes damage to organs through prolonged or repeated exposure |
| RES         | MAK   | Sensitizing Substance Sah - Danger of airway & skin sensitization     |
| MUL         | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters  |
| SKI         | EU - GHS (H-Statements)                     | H317 - May cause an allergic skin reaction                            |

**SUBSTANCE NOTES:** This substance is part of the steel alloy matrix. Range due to possible variations in alloy. Due to the commodity nature of steel, the status of recycled content is unknown. Range due to possible variations in alloy and different functions available to customer.

## CARBON

ID: 7440-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-04 18:02:13**

#: **0.0000 - 0.1500** GS: **LT-UNK** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                                       |
|-------------|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |

**SUBSTANCE NOTES:** This substance is part of the steel alloy matrix. Range due to possible variations in alloy. Due to the commodity nature of steel, the status of recycled content is unknown. Range due to possible variations in alloy and different functions available to customer.

## CHROMIUM

ID: 7440-47-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-04 18:02:13**

#: **0.0000 - 0.0500** GS: **LT-P1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | AGENCY AND LIST TITLES                | WARNINGS  |
|-------------|---------------------------------------|---|
| END         | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor                           |
| SKI         | MAK                                   | Sensitizing Substance Sh - Danger of skin sensitization |
| RES         | AOEC - Asthmagens                     | Asthmagen (Rs) - sensitizer-induced                     |

SUBSTANCE NOTES: This substance is part of the steel alloy matrix. Range due to possible variations in alloy. Due to the commodity nature of steel, the status of recycled content is unknown. Range due to possible variations in alloy and different functions available to customer.

**COBALT(II) SULFATE**

ID: 10124-43-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-04 18:02:14**

#: **0.0000 - 0.1500**

GS: **LT-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Coating**

| HAZARD TYPE | AGENCY AND LIST TITLES                      | WARNINGS   |
|-------------|---|--|
| AQU         | EU - GHS (H-Statements)                     | H400 - Very toxic to aquatic life  |
| AQU         | EU - GHS (H-Statements)                     | H410 - Very toxic to aquatic life with long lasting effects  |
| CAN         | EU - REACH Annex XVII CMRs                  | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man   |
| CAN         | EU - Annex VI CMRs                          | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence  |
| REP         | EU - SVHC Authorisation List                | Toxic to reproduction - Candidate list   |
| REP         | EU - Annex VI CMRs                          | Reproductive Toxicity - Category 1B  |
| MUL         | ChemSec - SIN List                          | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant   |
| MUL         | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters  |
| RES         | AOEC - Asthmagens                           | Asthmagen (G) - generally accepted   |
| CAN         | CA EPA - Prop 65                            | Carcinogen   |
| GEN         | EU - GHS (H-Statements)                     | H341 - Suspected of causing genetic defects  |
| CAN         | MAK   | Carcinogen Group 2 - Considered to be carcinogenic for man   |
| CAN         | US NIH - Report on Carcinogens              | Reasonably Anticipated to be Human Carcinogen  |
| RES         | MAK   | Sensitizing Substance Sah - Danger of airway & skin sensitization  |
| RES         | EU - GHS (H-Statements)                     | H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled   |
| CAN         | EU - GHS (H-Statements)                     | H350i - May cause cancer by inhalation   |
| CAN         | EU - SVHC Authorisation List                | Carcinogenic - Candidate list  |
| REP         | EU - REACH Annex XVII CMRs                  | Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans |
| SKI         | EU - GHS (H-Statements)                     | H317 - May cause an allergic skin reaction   |
| GEN         | MAK   | Germ Cell Mutagen 3a   |
| REP         | EU - GHS (H-Statements)                     | H360F - May damage fertility   |
| REP         | EU - SVHC Authorisation List                | Toxic to reproduction - Prioritized for listing  |
| CAN         | EU - SVHC Authorisation List                | Carcinogenic - Prioritized for listing   |
| CAN         | GHS - Australia                             | H350i - May cause cancer by inhalation   |
| REP         | GHS - Australia                             | H360F - May damage fertility   |
| CAN         | GHS - Korea                                 | Carcinogenicity - Category 1 [H350 - May cause cancer]   |
| REP         | GHS - Korea                                 | Category 1(1B) [H360 - May damage fertility or the unborn child]   |

SUBSTANCE NOTES: Range due to possible variations in application rate.

**CHROMIUM (III), INSOLUBLE SALTS**

ID: 16065-83-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-06-04 18:02:15

%: 0.0000 - 0.1000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Coating

| HAZARD TYPE | AGENCY AND LIST TITLES                | WARNINGS  |
|-------------|---------------------------------------|---|
| END         | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor                           |
| SKI         | MAK                                   | Sensitizing Substance Sh - Danger of skin sensitization |

SUBSTANCE NOTES: Range due to possible variations in application rate.

**DISTILLATE FUEL OILS, LIGHT**

ID: 64742-47-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-06-04 18:02:15

%: 0.0000 - 0.0200 GS: BM-2 RC: None NANO: No SUBSTANCE ROLE: Coating

| HAZARD TYPE | AGENCY AND LIST TITLES  | WARNINGS   |
|-------------|-------------------------|--|
| CAN         | MAK                     | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |
| MAM         | EU - GHS (H-Statements) | H304 - May be fatal if swallowed and enters airways  |

SUBSTANCE NOTES: Range due to possible variations in application rate.

**TIN**

ID: 7440-31-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-06-04 18:02:15

%: 0.0000 - 0.0100 GS: LT-UNK RC: UNK NANO: No SUBSTANCE ROLE: Alloy element

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                                       |
|-------------|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: This substance is part of the steel alloy matrix. Range due to possible variations in alloy. Due to the commodity nature of steel, the status of recycled content is unknown. Range due to possible variations in alloy and different functions available to customer.

**CHROMIUM OXIDE**

ID: 11118-57-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: 2021-06-04 18:02:16

%: 0.0000 - 0.0500 GS: LT-P1 RC: UNK NANO: No SUBSTANCE ROLE: Alloy element

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS  |
|-------------|------------------------|---|
| SKI         | MAK                    | Sensitizing Substance Sh - Danger of skin sensitization |
| CAN         | GHS - Korea            | Carcinogenicity - Category 1 [H350 - May cause cancer]  |

SUBSTANCE NOTES: This substance is part of the steel alloy matrix. Range due to possible variations in alloy. Due to the commodity nature of steel, the status of recycled content is unknown. Range due to possible variations in alloy and different functions available to customer.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-04 18:02:16**%: **0.0000 - 0.1000**GS: **BM-1**RC: **UNK**NANO: **No**SUBSTANCE ROLE: **Alloy element**

| HAZARD TYPE | AGENCY AND LIST TITLES                | WARNINGS  |
|-------------|---------------------------------------|---|
| END         | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor                         |
| RES         | AOEC - Asthmagens                     | Asthmagen (Rs) - sensitizer-induced                   |
| PHY         | EU - GHS (H-Statements)               | H261 - In contact with water releases flammable gases |
| PHY         | EU - GHS (H-Statements)               | H228 - Flammable solid                                |

SUBSTANCE NOTES: This substance is part of the steel alloy matrix. Range due to possible variations in alloy. Due to the commodity nature of steel, the status of recycled content is unknown. Range due to possible variations in alloy and different functions available to customer.



## 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

CDPH Standard Method V1.2 (Section 01350/CHPS) - Not Applicable

CERTIFYING PARTY: Self-declared

ISSUE DATE: 2021-06-

EXPIRY DATE:

CERTIFIER OR LAB: N/A

APPLICABLE FACILITIES: N/A

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

This HPD covers the following products: L460, L462, L463, L464, L480. These variations are due to minor differences in parts, and/or configurations of those parts, which result in slightly different deadbolt functions. These minor differences were evaluated for this HPD.

**MANUFACTURER INFORMATION**

**MANUFACTURER:** Allegion  
**ADDRESS:** 3899 Hancock Expy  
 Colorado Springs CO 80911, USA  
**WEBSITE:** <https://us.allegion.com/en/home.html>

**CONTACT NAME:** Tim Weller  
**TITLE:** Manager of Codes, Standards and Sustainability  
**PHONE:** 317-810-3751  
**EMAIL:** [Tim.Weller@allegion.com](mailto:Tim.Weller@allegion.com)

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

**KEY**

**Hazard Types**

|                                       |   |  |
|---------------------------------------|---|--|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <b>RES</b> Respiratory sensitization                 |
| <b>END</b> Endocrine activity         | <b>NEU</b> Neurotoxicity                          | <b>SKI</b> Skin sensitization/irritation/corrosivity |
| <b>EYE</b> Eye irritation/corrosivity | <b>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |  |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |  |

**GreenScreen (GS)**

|   |  |
|---|--|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)   |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.) |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      |  |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          |  |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |  |
| <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)      | <b>NoGS</b> No GreenScreen.  |

**Recycled Types**

**PreC** Pre-consumer recycled content  
**PostC** Post-consumer recycled content  
**UNK** Inclusion of recycled content is unknown  
**None** Does not include recycled content

**Other Terms:**

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**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.*