

HPD UNIQUE IDENTIFIER: 990681437184

CLASSIFICATION: 08 13 13 Hollow Metal Doors

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

Basic Method / Product Threshold

CONTENT INVENTORY

| Inventory Reporting Format                                                                                                  | Threshold Level                                                                                                                                                                            | Residuals/Impurities Evaluation                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><input type="radio"/> Nested Materials Method</div><div><input checked="" type="radio"/> Basic Method</div></div> | <div><div><input checked="" type="radio"/> 100 ppm</div><div><input type="radio"/> 1,000 ppm</div><div><input type="radio"/> Per GHS SDS</div><div><input type="radio"/> Other</div></div> | <div><div><input checked="" type="radio"/> Completed</div><div><input type="radio"/> Partially Completed</div><div><input type="radio"/> Not Completed</div></div> | <div>For all contents above the threshold, the manufacturer has:</div> <div>Characterized<div><input checked="" type="radio"/> Yes <input type="radio"/> No</div></div> <div>Provided weight and role.</div> <div>Screened<div><input checked="" type="radio"/> Yes <input type="radio"/> No</div></div> <div>Provided screening results using HPDC-approved methods.</div> <div>Identified<div><input checked="" type="radio"/> Yes <input type="radio"/> No</div></div> <div>Provided name and CAS RN or other identifier.</div> |
| Threshold Disclosed Per                                                                                                     | Explanation(s) provided :                                                                                                                                                                  |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <div><div><input type="radio"/> Material</div><div><input checked="" type="radio"/> Product</div></div>                     | <div><div><input checked="" type="radio"/> Yes <input type="radio"/> No</div></div>                                                                                                        |                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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.

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

STEELCRAFT L SERIES DOOR WITH HONEYCOMB CORE [ CELLULOSE LT-UNK WATER BM-4 ROSIN, POLYMER WITH PHENOL LT-UNK TITANIUM DIOXIDE BM-1\* CAN | END | MAM RUTILE TITANIUM DIOXIDE LT-1\* CAN RESIN ACIDS AND ROSIN ACIDS, ESTERS WITH GLYCEROL LT-UNK 1,3,5-TRIAZINE-2,4,6-TRIAMINE, POLYMER WITH FORMALDEHYDE, METHYLATED LT-UNK WOLLASTONITE LT-UNK POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-HYDRO-ω-HYDROXY-, ETHER WITH 2,2-BIS(HYDROXYMETHYL)-1,3-PROPANEDIOL (4:1), 2-HYDROXY-3-MERCAPTOPROPYL ETHER LT-UNK POLYCHLOROPRENE LT-UNK FATTY ACIDS, C18-UNSATD., DIMERS, POLYMERS WITH TALL-OIL FATTY ACIDS AND TRIETHYLENETETRAMINE BM-2 MUL ALKYD RESINS NoGS BARIUM SULFATE BM-2 CAN | MAM CALCIUM CARBONATE BM-3 EYE POLYVINYL ACETATE LT-UNK SILICA, AMORPHOUS, FUMED, CRYST.-FREE BM-1 C.I. PIGMENT YELLOW 42 LT-UNK\* LIMESTONE BM-3dg RESIN ACIDS AND ROSIN ACIDS, POTASSIUM SALTS LT-UNK AQU ETHANOL BM-2 CAN | END | DEV | REP | PHY | MAM | EYE XYLENE BM-1 END | MUL | REP | SKI | EYE | MAM | AQU TRIETHYLENETETRAMINE LT-P1 SKI | MUL | MAM | EYE | AQU | REP PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH (CHLOROMETHYL)OXIRANE LT-P1 MUL | SKI | EYE | AQU PROPANOL, OXYBIS-, DIBENZOATE LT-P1 MUL GLYCERYL POLY(OXYPROPYLENE)TRIAMINE LT-UNK ETHANOL, 2,2'-OXYBIS-, DIBENZOATE LT-P1 MUL ZINC LT-P1 MUL ZINC OXIDE BM-1 END | MUL | AQU | MAM | REP POLYVINYL ALCOHOL LT-UNK SILICA SAND BM-1 CAN | MAM 2-PROPENOIC ACID, 2-METHYL-, 2-ETHYL-2-[(2-METHYL-1-OXO- 2-PROPENYL)OXY]METHYL]-1,3-PROPANEDIYL ESTER LT-P1 MUL | SKI | EYE 1,3-ISOBENZOFURANDIONE, POLYMER WITH 2,2'-OXYBIS[ETHANOL] LT-UNK UNS G10080 STEEL ALLOY ]

Number of Greenscreen BM-4/BM3 contents ... 3

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1, LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [MetalAlloy]

Inventory is based on L Series 14, 16 and 18 gauge cold rolled steel doors with honeycomb core. Galvannealed doors are excluded.

\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. For this reason, this score is intentionally omitted from the "Contents highest concern" line above. See HPDC's Special Conditions policy for more information.

**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) - Classroom & Office scenario

**CONSISTENCY WITH OTHER PROGRAMS**  
Pre-checked for LEED v4 Option 1.  
Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

- ☐ Yes
- ☒ No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2024-01-12  
PUBLISHED DATE: 2024-01-12  
EXPIRY DATE: 2027-01-12

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 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

STEELCRAFT L SERIES DOOR WITH HONEYCOMB CORE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: 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:

UNS G10080 STEEL ALLOY

ID: UNS G10080

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

%: 90.0000 - 95.0000

GreenScreen: See notes

RC: None

NANO: No

MATERIAL ROLE: Structure component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening is not applicable to this Special Condition

METAL ALLOY HPD: See alloy HPD for alloying content inventory, GreenScreen scores, and hazards: [ [UNS G10080](#) ]

METAL ALLOY NOTES: In compliance with HPDC Special Conditions Policy for Metal Alloys, the listed alloy is considered the ingredient in this product, and is reported without information regarding its alloying elements. Metal alloys have different intrinsic characteristics, including health and environmental hazards, than their alloying elements. An alloy HPD with alloying element content inventory, their GreenScreen scores, and hazards is available at the link above.

GREENSCREEN BM-1 & LT-1 ALLOYING ELEMENTS: None

LISTING NOTES: No Additional Listings appear for the alloy.

MATERIAL CONTENT NOTES: GreenScreen BM-1 and LT-1 scores of constituent alloying elements are listed, but it should be noted that hazard assessment of individual elements is different and not commensurate with hazard assessment of metal alloys, which have different physical and reactive properties, and for which a comprehensive hazard assessment methodology has not been identified that supports the purpose of an HPD. No metal alloy product or supplier HPDs available.

CELLULOSE

ID: 9004-34-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-01-12 7:21:52

%: 1.0000 - 5.0000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Biological material

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

WATER

ID: 7732-18-5

|                                                                  |                                              |                 |                                                              |                                 |
|------------------------------------------------------------------|----------------------------------------------|-----------------|--------------------------------------------------------------|---------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                              |                 | HAZARD SCREENING DATE: <b>2024-01-12 7:21:54</b>             |                                 |
| ?: <b>0.0100 - 1.0000</b>                                        | GreenScreen: <b>BM-4</b>                     | RC: <b>None</b> | NANO: <b>No</b>                                              | SUBSTANCE ROLE: <b>Residual</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                         |                 | WARNINGS                                                     |                                 |
| None found                                                       |                                              |                 | No warnings found on HPD Priority Hazard Lists               |                                 |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                         |                 | NOTIFICATION                                                 |                                 |
| EXEMPT                                                           | European Union / European Commission (EU EC) |                 | EU - REACH Exemptions                                        |                                 |
|                                                                  |                                              |                 | Exempted from REACH Annex IV listing due to intrinsic safety |                                 |
| SUBSTANCE NOTES:                                                 |                                              |                 |                                                              |                                 |

ROSIN, POLYMER WITH PHENOL

ID: 68083-03-4

|                                                                  |                            |                                                |                                                  |                                        |
|------------------------------------------------------------------|----------------------------|------------------------------------------------|--------------------------------------------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2024-01-12 7:21:57</b> |                                        |
| %: <b>0.1000 - 1.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Polymer species</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                       |                                                  |                                        |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists |                                                  |                                        |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                   |                                                  |                                        |
| None found                                                       |                            | No listings found on Additional Hazard Lists   |                                                  |                                        |
| SUBSTANCE NOTES:                                                 |                            |                                                |                                                  |                                        |

TITANIUM DIOXIDE

ID: 13463-67-7

|                                                           |                   |          |                                           |                         |
|-----------------------------------------------------------|-------------------|----------|-------------------------------------------|-------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                   |          | HAZARD SCREENING DATE: 2024-01-12 7:21:59 |                         |
| ?: 0.0100 - 1.0000                                        | GreenScreen: BM-1 | RC: None | NANO: No                                  | SUBSTANCE ROLE: Pigment |

| HAZARD TYPE         | LIST NAME AND SOURCE                                    | WARNINGS                                                                                                                                                    |
|---------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN                 | US CDC - Occupational Carcinogens                       | Occupational Carcinogen**                                                                                                                                   |
| CAN                 | CA EPA - Prop 65                                        | Carcinogen - specific to chemical form or exposure route**                                                                                                  |
| CAN                 | IARC                                                    | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources**                                                                            |
| CAN                 | MAK                                                     | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**                                                      |
| END                 | TEDX - Potential Endocrine Disruptors                   | Potential Endocrine Disruptor**                                                                                                                             |
| CAN                 | MAK                                                     | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels**                                                                          |
| CAN                 | IARC                                                    | Group 2b - Possibly carcinogenic to humans**                                                                                                                |
| CAN                 | EU - GHS (H-Statements) Annex 6 Table 3-1               | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**                                                                                         |
| CAN                 | GHS - Japan                                             | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**                                                                                         |
| MAM                 | GHS - Japan                                             | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]** |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    | NOTIFICATION                                                                                                                                                |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022                                                                 |
|                     |                                                         | Children's Products                                                                                                                                         |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022                                                                 |
|                     |                                                         | Formulated Consumer Products                                                                                                                                |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022                                                                 |
|                     |                                                         | Cosmetics & Personal Care Products                                                                                                                          |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)             | US EPA - DfE Safer Chemicals Ingredients list (SCIL)                                                                                                        |
|                     |                                                         | Colorants - Green Circle (Verified Low Concern)                                                                                                             |

SUBSTANCE NOTES: \*\*Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information.

|                                                           |                   |          |                                           |                         |               |
|-----------------------------------------------------------|-------------------|----------|-------------------------------------------|-------------------------|---------------|
| RUTILE TITANIUM DIOXIDE                                   |                   |          |                                           |                         | ID: 1317-80-2 |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                   |          | HAZARD SCREENING DATE: 2024-01-12 7:22:02 |                         |               |
| %: 0.0100 - 1.0000                                        | GreenScreen: LT-1 | RC: None | NANO: No                                  | SUBSTANCE ROLE: Pigment |               |

| HAZARD TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LIST NAME AND SOURCE                                     | WARNINGS                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | US CDC - Occupational Carcinogens                        | Occupational Carcinogen**                                                                                                             |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CA EPA - Prop 65                                         | Carcinogen - specific to chemical form or exposure route**                                                                            |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IARC                                                     | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources**                                                      |
| CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MAK                                                      | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**                                |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                                                          |
| RESTRICTED LIST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products |
| SUBSTANCE NOTES: **Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information. |                                                          |                                                                                                                                       |

| RESIN ACIDS AND ROSIN ACIDS, ESTERS WITH GLYCEROL                |                            |                 |                                                  | ID: 8050-31-5                          |
|------------------------------------------------------------------|----------------------------|-----------------|--------------------------------------------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2024-01-12 7:21:36</b> |                                        |
| %: <b>0.0100 - 1.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Polymer species</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       |                 | WARNINGS                                         |                                        |
| None found                                                       |                            |                 | No warnings found on HPD Priority Hazard Lists   |                                        |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       |                 | NOTIFICATION                                     |                                        |
| None found                                                       |                            |                 | No listings found on Additional Hazard Lists     |                                        |
| SUBSTANCE NOTES:                                                 |                            |                 |                                                  |                                        |

|                                                                      |                      |                                                |          |                                 |
|----------------------------------------------------------------------|----------------------|------------------------------------------------|----------|---------------------------------|
| 1,3,5-TRIAZINE-2,4,6-TRIAMINE, POLYMER WITH FORMALDEHYDE, METHYLATED |                      |                                                |          | ID: 68002-20-0                  |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library            |                      | HAZARD SCREENING DATE: 2024-01-12 7:21:37      |          |                                 |
| %: 0.0100 - 1.0000                                                   | GreenScreen: LT-UNK  | RC: None                                       | NANO: No | SUBSTANCE ROLE: Polymer species |
| HAZARD TYPE                                                          | LIST NAME AND SOURCE | WARNINGS                                       |          |                                 |
| None found                                                           |                      | No warnings found on HPD Priority Hazard Lists |          |                                 |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                         | NOTIFICATION                                                                                                                                                               |
|---------------------|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RESTRICTED LIST     | International Living Future Institute (ILFI) | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |
| SUBSTANCE NOTES:    |                                              |                                                                                                                                                                            |

WOLLASTONITE
ID: 13983-17-0

|                                                                  |                            |                                                  |                 |                               |
|------------------------------------------------------------------|----------------------------|--------------------------------------------------|-----------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2024-01-12 7:21:37</b> |                 |                               |
| %: <b>0.0100 - 1.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Buffer</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                         |                 |                               |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists   |                 |                               |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                     |                 |                               |
| None found                                                       |                            | No listings found on Additional Hazard Lists     |                 |                               |
| SUBSTANCE NOTES:                                                 |                            |                                                  |                 |                               |

POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-HYDRO-ω-HYDROXY-, ETHER WITH 2,2-BIS(HYDROXYMETHYL)-1,3-PROPANEDIOL (4:1), 2-HYDROXY-3-MERCAPTOPROPYL ETHER
ID: 72244-98-5

|                                                                  |                            |                                                  |                                                |                                  |
|------------------------------------------------------------------|----------------------------|--------------------------------------------------|------------------------------------------------|----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2024-01-12 7:21:37</b> |                                                |                                  |
| %: <b>0.0100 - 1.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Activator</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       |                                                  | WARNINGS                                       |                                  |
| None found                                                       |                            |                                                  | No warnings found on HPD Priority Hazard Lists |                                  |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       |                                                  | NOTIFICATION                                   |                                  |
| None found                                                       |                            |                                                  | No listings found on Additional Hazard Lists   |                                  |
| SUBSTANCE NOTES:                                                 |                            |                                                  |                                                |                                  |

POLYCHLOROPRENE
ID: 9010-98-4

|                                                                  |                            |                                                  |                 |                                        |
|------------------------------------------------------------------|----------------------------|--------------------------------------------------|-----------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2024-01-12 7:21:37</b> |                 |                                        |
| %: <b>0.1000 - 1.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Polymer species</b> |

| HAZARD TYPE         | LIST NAME AND SOURCE                                     | WARNINGS                                                                                                                                                                   |
|---------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| None found          |                                                          | No warnings found on HPD Priority Hazard Lists                                                                                                                             |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                                                                                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Core Restrictions                                                       |
| RESTRICTED LIST     | International Living Future Institute (ILFI)             | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |
| SUBSTANCE NOTES:    |                                                          |                                                                                                                                                                            |

FATTY ACIDS, C18-UNSATD., DIMERS, POLYMERS WITH TALL-OIL FATTY ACIDS AND TRIETHYLENETETRAMINE

ID: 68082-29-1

|                                                                  |                                             |                 |                                                  |                                  |
|------------------------------------------------------------------|---------------------------------------------|-----------------|--------------------------------------------------|----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             |                 | HAZARD SCREENING DATE: <b>2024-01-12 7:21:37</b> |                                  |
| %: <b>0.1000 - 1.0000</b>                                        | GreenScreen: <b>BM-2</b>                    | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Activator</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                        |                 | WARNINGS                                         |                                  |
| MUL                                                              | German FEA - Substances Hazardous to Waters |                 | Class 2 - Hazard to Waters                       |                                  |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                        |                 | NOTIFICATION                                     |                                  |
| None found                                                       |                                             |                 | No listings found on Additional Hazard Lists     |                                  |
| SUBSTANCE NOTES:                                                 |                                             |                 |                                                  |                                  |

ALKYD RESINS

ID: 63148-69-6

|                                                                  |                          |                 |                                                  |                                        |
|------------------------------------------------------------------|--------------------------|-----------------|--------------------------------------------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2024-01-12 7:21:37</b> |                                        |
| %: <b>0.0100 - 1.0000</b>                                        | GreenScreen: <b>NoGS</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Polymer species</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE     |                 | WARNINGS                                         |                                        |
| None found                                                       |                          |                 | No warnings found on HPD Priority Hazard Lists   |                                        |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE     |                 | NOTIFICATION                                     |                                        |
| None found                                                       |                          |                 | No listings found on Additional Hazard Lists     |                                        |
| SUBSTANCE NOTES:                                                 |                          |                 |                                                  |                                        |

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-01-12 7:21:37

|                     |                                                         |                                                                                             |                                                                                                                                                           |                               |
|---------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| %: 0.0100 - 1.0000  | GreenScreen: <b>BM-2</b>                                | RC: <b>None</b>                                                                             | NANO: <b>No</b>                                                                                                                                           | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE         | LIST NAME AND SOURCE                                    |                                                                                             | WARNINGS                                                                                                                                                  |                               |
| CAN                 | MAK                                                     |                                                                                             | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels                                                                          |                               |
| MAM                 | GHS - Japan                                             |                                                                                             | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                               |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                    |                                                                                             | NOTIFICATION                                                                                                                                              |                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                                                                                                                                                           |                               |
|                     |                                                         | Biological and Environmentally Released Materials                                           |                                                                                                                                                           |                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                                                                                                                                                           |                               |
|                     |                                                         | Children's Products                                                                         |                                                                                                                                                           |                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                                                                                                                                                           |                               |
|                     |                                                         | Cosmetics & Personal Care Products                                                          |                                                                                                                                                           |                               |
| SUBSTANCE NOTES:    |                                                         |                                                                                             |                                                                                                                                                           |                               |

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-01-12 7:21:38

|                     |                          |                                              |                 |                               |
|---------------------|--------------------------|----------------------------------------------|-----------------|-------------------------------|
| %: 0.0100 - 1.0000  | GreenScreen: <b>BM-3</b> | RC: <b>None</b>                              | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE         | LIST NAME AND SOURCE     | WARNINGS                                     |                 |                               |
| EYE                 | GHS - New Zealand        | Eye irritation category 2                    |                 |                               |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE     | NOTIFICATION                                 |                 |                               |
| None found          |                          | No listings found on Additional Hazard Lists |                 |                               |
| SUBSTANCE NOTES:    |                          |                                              |                 |                               |

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-01-12 7:21:38

|                    |                     |          |          |                                 |
|--------------------|---------------------|----------|----------|---------------------------------|
| %: 0.0100 - 1.0000 | GreenScreen: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Polymer species |
|--------------------|---------------------|----------|----------|---------------------------------|

| HAZARD TYPE         | LIST NAME AND SOURCE | WARNINGS                                       |
|---------------------|----------------------|------------------------------------------------|
| None found          |                      | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                   |
| None found          |                      | No listings found on Additional Hazard Lists   |
| SUBSTANCE NOTES:    |                      |                                                |

SILICA, AMORPHOUS, FUMED, CRYST.-FREE

ID: 112945-52-5

|                                                                  |                          |                                                  |                 |                               |
|------------------------------------------------------------------|--------------------------|--------------------------------------------------|-----------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2024-01-12 7:21:38</b> |                 |                               |
| %: <b>0.0100 - 0.1000</b>                                        | GreenScreen: <b>BM-1</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE     | WARNINGS                                         |                 |                               |
| None found                                                       |                          | No warnings found on HPD Priority Hazard Lists   |                 |                               |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE     | NOTIFICATION                                     |                 |                               |
| None found                                                       |                          | No listings found on Additional Hazard Lists     |                 |                               |
| SUBSTANCE NOTES:                                                 |                          |                                                  |                 |                               |

C.I. PIGMENT YELLOW 42

ID: 51274-00-1

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                            |                                                  |                 |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                            | HAZARD SCREENING DATE: <b>2024-01-12 7:21:38</b> |                 |                                |
| %: <b>0.0100 - 0.1000</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</b> |
| HAZARD TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | LIST NAME AND SOURCE       | WARNINGS                                         |                 |                                |
| None found                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                            | No warnings found on HPD Priority Hazard Lists   |                 |                                |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LIST NAME AND SOURCE       | NOTIFICATION                                     |                 |                                |
| None found                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                            | No listings found on Additional Hazard Lists     |                 |                                |
| SUBSTANCE NOTES: **Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information. |                            |                                                  |                 |                                |

LIMESTONE

ID: 1317-65-3

|                                                                  |                            |                                                  |                 |                               |
|------------------------------------------------------------------|----------------------------|--------------------------------------------------|-----------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2024-01-12 7:21:38</b> |                 |                               |
| %: <b>0.0100 - 0.1000</b>                                        | GreenScreen: <b>BM-3dg</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Filler</b> |

| HAZARD TYPE         | LIST NAME AND SOURCE | WARNINGS                                       |
|---------------------|----------------------|------------------------------------------------|
| None found          |                      | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                   |
| None found          |                      | No listings found on Additional Hazard Lists   |
| SUBSTANCE NOTES:    |                      |                                                |

**RESIN ACIDS AND ROSIN ACIDS, POTASSIUM SALTS**

ID: **61790-50-9**

|                                                                  |                            |                                                  |                                                           |                                        |
|------------------------------------------------------------------|----------------------------|--------------------------------------------------|-----------------------------------------------------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2024-01-12 7:21:39</b> |                                                           |                                        |
| %: <b>0.0100 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b>                                           | SUBSTANCE ROLE: <b>Polymer species</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       |                                                  | WARNINGS                                                  |                                        |
| AQU                                                              | GHS - New Zealand          |                                                  | Hazardous to the aquatic environment - chronic category 3 |                                        |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       |                                                  | NOTIFICATION                                              |                                        |
| None found                                                       |                            |                                                  | No listings found on Additional Hazard Lists              |                                        |
| SUBSTANCE NOTES:                                                 |                            |                                                  |                                                           |                                        |

**ETHANOL**

ID: **64-17-5**

|                                                                  |                          |                                                  |                 |                                |
|------------------------------------------------------------------|--------------------------|--------------------------------------------------|-----------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2024-01-12 7:21:39</b> |                 |                                |
| %: <b>0.0100 - 0.1000</b>                                        | GreenScreen: <b>BM-2</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Solvent</b> |

| HAZARD TYPE | LIST NAME AND SOURCE                      | WARNINGS                                                                                                                                                  |
|-------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAN         | CA EPA - Prop 65                          | Carcinogen - specific to chemical form or exposure route                                                                                                  |
| END         | TEDX - Potential Endocrine Disruptors     | Potential Endocrine Disruptor                                                                                                                             |
| CAN         | IARC                                      | Group 1 - Agent is Carcinogenic to humans                                                                                                                 |
| CAN         | MAK                                       | Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels                                                                      |
| DEV         | CA EPA - Prop 65                          | Developmental - specific to chemical form or exposure route                                                                                               |
| CAN         | GHS - Japan                               | H350 - May cause cancer [Carcinogenicity - Category 1A]                                                                                                   |
| REP         | GHS - Japan                               | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1A]                                                                     |
| PHY         | EU - GHS (H-Statements) Annex 6 Table 3-1 | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                                                                |
| MAM         | GHS - Japan                               | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |
| EYE         | GHS - New Zealand                         | Eye irritation category 2                                                                                                                                 |
| EYE         | GHS - Australia                           | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                                    |
| MAM         | GHS - Japan                               | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| PHY         | GHS - New Zealand                         | Flammable liquids category 2                                                                                                                              |
| PHY         | GHS - Japan                               | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                                                                |
| PHY         | GHS - Malaysia                            | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                                                                |
| PHY         | GHS - Australia                           | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                                                                |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---------------------|----------------------|----------------------------------------------|
| None found          |                      | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES:

XYLENE

ID: 1330-20-7

|                                                                  |                          |                 |                                                  |                                |  |
|------------------------------------------------------------------|--------------------------|-----------------|--------------------------------------------------|--------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2024-01-12 7:21:39</b> |                                |  |
| %,: <b>0.0100 - 0.1000</b>                                       | GreenScreen: <b>BM-1</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Solvent</b> |  |

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                                                  |
|---------------------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| END                 | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor                                                                                                                             |
| MUL                 | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                                                                                                                |
| REP                 | GHS - Japan                                 | H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]                                                                     |
| SKI                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| SKI                 | GHS - New Zealand                           | Skin irritation category 2                                                                                                                                |
| EYE                 | GHS - New Zealand                           | Eye irritation category 2                                                                                                                                 |
| SKI                 | GHS - Australia                             | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| MAM                 | GHS - Japan                                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM                 | GHS - Japan                                 | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                                          |
| SKI                 | GHS - Japan                                 | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                  |
| REP                 | GHS - New Zealand                           | Reproductive toxicity category 2                                                                                                                          |
| EYE                 | GHS - Korea                                 | H319 - Causes serious eye irritation [Serious eye damage/irritation - Category 2]                                                                         |
| SKI                 | GHS - Korea                                 | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| MAM                 | GHS - Korea                                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - Repeated exposure - Category 1]                   |
| AQU                 | GHS - Japan                                 | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]                                                                  |
| AQU                 | GHS - Japan                                 | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                      |
| SKI                 | GHS - Malaysia                              | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                    |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION                                                                                                                                              |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)       | GSPI - Six Classes Precautionary List                                                                                                                     |
|                     |                                             | Antimicrobials                                                                                                                                            |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)       | GSPI - Six Classes Precautionary List                                                                                                                     |
|                     |                                             | Some Solvents                                                                                                                                             |
| SUBSTANCE NOTES:    |                                             |                                                                                                                                                           |

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-01-12 7:21:39

%: 0.0100 - 0.1000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Curing agent

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                                                                                             |
|---------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| SKI                 | MAK                                         | Sensitizing Substance Sh - Danger of skin sensitization                                                              |
| MUL                 | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                                                                           |
| SKI                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]                 |
| MAM                 | GHS - Japan                                 | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]              |
| MAM                 | GHS - New Zealand                           | Specific target organ toxicity - repeated exposure category 1                                                        |
| SKI                 | GHS - New Zealand                           | Skin corrosion category 1C                                                                                           |
| EYE                 | GHS - New Zealand                           | Serious eye damage category 1                                                                                        |
| EYE                 | GHS - Japan                                 | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                                  |
| SKI                 | GHS - Japan                                 | H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]                            |
| SKI                 | GHS - Australia                             | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]                 |
| SKI                 | GHS - New Zealand                           | Skin sensitisation category 1                                                                                        |
| AQU                 | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 2                                                            |
| REP                 | GHS - New Zealand                           | Reproductive toxicity category 2                                                                                     |
| AQU                 | GHS - Japan                                 | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |
| MAM                 | GHS - Japan                                 | H311 - Toxic in contact with skin [Acute Toxicity (dermal) - Category 3]                                             |
| MAM                 | GHS - New Zealand                           | Acute dermal toxicity category 3                                                                                     |
| MAM                 | GHS - Australia                             | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]                                              |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION                                                                                                         |
| None found          |                                             | No listings found on Additional Hazard Lists                                                                         |

SUBSTANCE NOTES:

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-01-12 7:22:21

%: 0.0100 - 0.1000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Polymer species

| HAZARD TYPE         | LIST NAME AND SOURCE                                     | WARNINGS                                                                                                                                                                   |
|---------------------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MUL                 | German FEA - Substances Hazardous to Waters              | Class 2 - Hazard to Waters                                                                                                                                                 |
| SKI                 | EU - GHS (H-Statements) Annex 6 Table 3-1                | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                                     |
| EYE                 | EU - GHS (H-Statements) Annex 6 Table 3-1                | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                                                     |
| AQU                 | EU - GHS (H-Statements) Annex 6 Table 3-1                | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                                       |
| EYE                 | GHS - New Zealand                                        | Eye irritation category 2                                                                                                                                                  |
| SKI                 | GHS - Australia                                          | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                                                     |
| EYE                 | GHS - Australia                                          | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]                                                                                     |
| SKI                 | GHS - Japan                                              | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                                                   |
| SKI                 | GHS - New Zealand                                        | Skin sensitisation category 1                                                                                                                                              |
| AQU                 | GHS - New Zealand                                        | Hazardous to the aquatic environment - chronic category 2                                                                                                                  |
| AQU                 | GHS - Japan                                              | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                                                                              |
| AQU                 | GHS - Japan                                              | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                                                  |
| AQU                 | GHS - Australia                                          | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]                                                       |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                                                                                               |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Core Restrictions                                                       |
| RESTRICTED LIST     | International Living Future Institute (ILFI)             | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |
| SUBSTANCE NOTES:    |                                                          |                                                                                                                                                                            |

PROPANOL, OXYBIS-, DIBENZOATE

ID: 27138-31-4

|                                                                  |                           |                 |                                                  |                                  |
|------------------------------------------------------------------|---------------------------|-----------------|--------------------------------------------------|----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                           |                 | HAZARD SCREENING DATE: <b>2024-01-12 7:21:40</b> |                                  |
| %: <b>0.0100 - 0.1000</b>                                        | GreenScreen: <b>LT-P1</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Lubricant</b> |

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                                   |
|---------------------|---------------------------------------------|------------------------------------------------------------|
| MUL                 | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                 |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION                                               |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)       | GSPI - Six Classes Precautionary List<br><br>Some Solvents |
| SUBSTANCE NOTES:    |                                             |                                                            |

GLYCERYL POLY(OXYPROPYLENE)TRIAMINE

ID: 64852-22-8

|                                                                  |                            |                                                  |                                                |                                        |
|------------------------------------------------------------------|----------------------------|--------------------------------------------------|------------------------------------------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2024-01-12 7:22:17</b> |                                                |                                        |
| %: <b>0.0100 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Polymer species</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       |                                                  | WARNINGS                                       |                                        |
| None found                                                       |                            |                                                  | No warnings found on HPD Priority Hazard Lists |                                        |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       |                                                  | NOTIFICATION                                   |                                        |
| None found                                                       |                            |                                                  | No listings found on Additional Hazard Lists   |                                        |
| SUBSTANCE NOTES:                                                 |                            |                                                  |                                                |                                        |

ETHANOL, 2,2'-OXYBIS-, DIBENZOATE

ID: 120-55-8

|                                                                  |                                             |                                                  |                                       |                                    |
|------------------------------------------------------------------|---------------------------------------------|--------------------------------------------------|---------------------------------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             | HAZARD SCREENING DATE: <b>2024-01-12 7:21:40</b> |                                       |                                    |
| %: <b>0.0100 - 0.1000</b>                                        | GreenScreen: <b>LT-P1</b>                   | RC: <b>None</b>                                  | NANO: <b>No</b>                       | SUBSTANCE ROLE: <b>Plasticizer</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                        |                                                  | WARNINGS                              |                                    |
| MUL                                                              | German FEA - Substances Hazardous to Waters |                                                  | Class 2 - Hazard to Waters            |                                    |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                        |                                                  | NOTIFICATION                          |                                    |
| RESTRICTED LIST                                                  | Green Science Policy Institute (GSPI)       |                                                  | GSPI - Six Classes Precautionary List |                                    |
|                                                                  |                                             |                                                  | Some Solvents                         |                                    |
| SUBSTANCE NOTES:                                                 |                                             |                                                  |                                       |                                    |

ZINC

ID: 7440-66-6

|                                                           |                    |                                           |          |                         |
|-----------------------------------------------------------|--------------------|-------------------------------------------|----------|-------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                    | HAZARD SCREENING DATE: 2024-01-12 7:21:40 |          |                         |
| %: 0.0100 - 0.1000                                        | GreenScreen: LT-P1 | RC: None                                  | NANO: No | SUBSTANCE ROLE: Coating |

| HAZARD TYPE         | LIST NAME AND SOURCE                                     | WARNINGS                                                                                                                                             |
|---------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| MUL                 | German FEA - Substances Hazardous to Waters              | Class 2 - Hazard to Waters                                                                                                                           |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                                                                         |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes Precautionary List<br><br>Antimicrobials                                                                                          |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |

SUBSTANCE NOTES:

ZINC OXIDE

ID: 1314-13-2

HAZARD DATA SOURCE:  Pharos Chemical and Materials Library

HAZARD SCREENING DATE:  2024-01-12 7:21:40

%: 0.0100 - 0.1000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS                                                                                                                  |
|-------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| END         | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor                                                                                             |
| MUL         | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                                                                                                |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |
| MAM         | GHS - Japan                                 | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]          |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - acute category 1                                                                   |
| AQU         | GHS - Japan                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |
| AQU         | GHS - Japan                                 | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |
| AQU         | GHS - Australia                             | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 1                                                                 |
| REP         | GHS - Japan                                 | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]                           |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                                                                         |
|---------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes Precautionary List<br><br>Antimicrobials                                                                                          |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Biological and Environmentally Released Materials |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Children's Products                               |
| SUBSTANCE NOTES:    |                                                          |                                                                                                                                                      |

POLYVINYL ALCOHOL

ID: 9002-89-5

|                                                                  |                            |                                                  |                 |                                        |
|------------------------------------------------------------------|----------------------------|--------------------------------------------------|-----------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2024-01-12 7:21:41</b> |                 |                                        |
| %: <b>0.0100 - 0.1000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Polymer species</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                         |                 |                                        |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists   |                 |                                        |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                     |                 |                                        |
| None found                                                       |                            | No listings found on Additional Hazard Lists     |                 |                                        |
| SUBSTANCE NOTES:                                                 |                            |                                                  |                 |                                        |

SILICA SAND

ID: 7631-86-9

|                                                           |                      |                                                                                                                                                           |          |                        |
|-----------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      | HAZARD SCREENING DATE: 2024-01-12 7:21:41                                                                                                                 |          |                        |
| %: 0.0100 - 0.1000                                        | GreenScreen: BM-1    | RC: None                                                                                                                                                  | NANO: No | SUBSTANCE ROLE: Filler |
| HAZARD TYPE                                               | LIST NAME AND SOURCE | WARNINGS                                                                                                                                                  |          |                        |
| CAN                                                       | GHS - Japan          | H350 - May cause cancer [Carcinogenicity - Category 1A]                                                                                                   |          |                        |
| CAN                                                       | GHS - Australia      | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]                                                                              |          |                        |
| MAM                                                       | GHS - Japan          | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |          |                        |
| MAM                                                       | GHS - Japan          | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |          |                        |
| MAM                                                       | GHS - Australia      | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |          |                        |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                  | NOTIFICATION                                                |
|---------------------|---------------------------------------|-------------------------------------------------------------|
| RESTRICTED LIST     | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List<br><br>Antimicrobials |
| SUBSTANCE NOTES:    |                                       |                                                             |

2-PROPENOIC ACID, 2-METHYL-, 2-ETHYL-2-[[[(2-METHYL-1-OXO-2-PROPENYL)OXY]METHYL]-1,3-PROPANEDIYL ESTER

ID: 3290-92-4

| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                             | HAZARD SCREENING DATE: 2024-01-12 7:21:40    |               |                                 |
|-----------------------------------------------------------|---------------------------------------------|----------------------------------------------|---------------|---------------------------------|
| ?: 0.0000 - 0.1000                                        | GreenScreen: LT-P1                          | RC: None                                     | NANO: Unknown | SUBSTANCE ROLE: Polymer species |
| HAZARD TYPE                                               | LIST NAME AND SOURCE                        | WARNINGS                                     |               |                                 |
| MUL                                                       | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                   |               |                                 |
| SKI                                                       | GHS - New Zealand                           | Skin irritation category 2                   |               |                                 |
| EYE                                                       | GHS - New Zealand                           | Eye irritation category 2                    |               |                                 |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE                        | NOTIFICATION                                 |               |                                 |
| None found                                                |                                             | No listings found on Additional Hazard Lists |               |                                 |

|                  |  |  |  |  |
|------------------|--|--|--|--|
| SUBSTANCE NOTES: |  |  |  |  |
|------------------|--|--|--|--|

1,3-ISOBENZOFURANDIONE, POLYMER WITH 2,2'-OXYBIS[ETHANOL]

ID: 32472-85-8

| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      | HAZARD SCREENING DATE: 2024-01-12 7:21:40      |          |                                 |
|-----------------------------------------------------------|----------------------|------------------------------------------------|----------|---------------------------------|
| ?: 0.0100 - 0.1000                                        | GreenScreen: LT-UNK  | RC: None                                       | NANO: No | SUBSTANCE ROLE: Polymer species |
| HAZARD TYPE                                               | LIST NAME AND SOURCE | WARNINGS                                       |          |                                 |
| None found                                                |                      | No warnings found on HPD Priority Hazard Lists |          |                                 |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE | NOTIFICATION                                   |          |                                 |
| None found                                                |                      | No listings found on Additional Hazard Lists   |          |                                 |

|                  |  |  |  |  |
|------------------|--|--|--|--|
| SUBSTANCE NOTES: |  |  |  |  |
|------------------|--|--|--|--|

### 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) - Classroom & Office scenario |                            |
|-------------------------------------|------------------------------------------------------------------------------|----------------------------|
| CERTIFYING PARTY: Third Party       | ISSUE DATE: 2023-08-20 00:00:00                                              | CERTIFIER OR LAB: Intertek |
| APPLICABLE FACILITIES: All          | EXPIRY DATE: 2024-08-20 00:00:00                                             |                            |
| 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 L Series 14, 16 and 18 gauge cold rolled steel doors with honeycomb core. Galvannealed doors are excluded.

## MANUFACTURER INFORMATION

MANUFACTURER: **Allegion**  
ADDRESS: **9017 Blue Ash Road**  
**Blue Ash, Ohio 45242**  
COUNTRY: **USA**

WEBSITE: **www.allegion.com**  
CONTACT NAME: **Aaron Owens**  
TITLE: **Sustainability Specialist**  
PHONE: **317-810-3751**  
EMAIL: **sustainability@allegion**

*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-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

### Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

### Other Terms:

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

### Inventory Methods:

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | Substances listed individually per threshold indicated per product          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | 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*

