

HPD UNIQUE IDENTIFIER: 30713

CLASSIFICATION: 04 22 00 Concrete Unit Masonry

PRODUCT DESCRIPTION: The Expocrete concrete masonry units represented by this Health Product Declaration (HPD) are produced at the Acheson, Edmonton, Richmond and Winnipeg plants under ASTM C90 or CAS A165.1 for loadbearing concrete masonry units. Concrete masonry products are used in a wide variety of applications in buildings and civil engineering projects. Available in a standard height of 8" (200mm) by 16" (400mm) wide modular size with varying depth. Available depth (width) include: 100mm, 150mm, 200mm, 250mm and 300mm standards and multi-purpose masonry units. The main product mixes consists of portland cement, aggregates admixtures, and water.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

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**

**COLOURED ARCHITECTURAL CONCRETE MASONRY UNIT (CMU) - NORMAL WEIGHT** [ **QUARTZ** BM-1 | CAN | | MAM | GEN **LIMESTONE** BM-3dg **GRAVEL** NoGS **PORTLAND CEMENT** LT-P1 | CAN | END | | MAM **TRIETHOXYCAPRYLSILANE** LT-UNK | SKI **TRIETHANOLAMINE 2-(2,4-DICHLOROPHENOXY)PROPIONATE** NoGS **FERRIC OXIDE** BM-1 | CAN | | MAM | EYE | SKI **DIOLAMINE** BM-1 | CAN | END | SKI | EYE | MAM | AQU | REP **TROLAMINE** LT-P1 | END | EYE | SKI | **CALCIUM NITRATE, 4-HYDRATE** LT-UNK | EYE ]

Number of Greenscreen BM-4/BM3 contents ... 1  
 Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1, LT-P1  
 Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Threshold screened at 100 ppm. Basic method used.

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: Not Applicable

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: 2022-09-14  
 PUBLISHED DATE: 2022-12-05  
 EXPIRY DATE: 2025-09-14

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)

### COLOURED ARCHITECTURAL CONCRETE MASONRY UNIT (CMU) - NORMAL WEIGHT

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED:  
Partially

RESIDUALS AND IMPURITIES NOTES: Finished concrete masonry products are made with ingredients that are primarily nuisance dusts although some ingredients may contain crystalline silica. Some finished concrete masonry products may contain traces of residual materials from material enhancement additives such as plasticizers, accelerators, pigments or water repellents.

OTHER PRODUCT NOTES: N/A

### QUARTZ

ID: 14808-60-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-14 7:54:37**

?: 40.0000 - 45.0000

GreenScreen: **BM-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Filler**

| HAZARD TYPE         | AGENCY AND LIST TITLES            | WARNINGS  |
|---------------------|-----------------------------------|---|
| CAN                 | US CDC - Occupational Carcinogens | Occupational Carcinogen   |
| CAN                 | CA EPA - Prop 65                  | Carcinogen - specific to chemical form or exposure route  |
| CAN                 | US NIH - Report on Carcinogens    | Known to be Human Carcinogen (respirable size - occupational setting)   |
| CAN                 | MAK                               | Carcinogen Group 1 - Substances that cause cancer in man  |
| CAN                 | IARC                              | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources   |
| CAN                 | IARC                              | Group 1 - Agent is Carcinogenic to humans   |
| CAN                 | GHS - Japan                       | H350 - May cause cancer [Carcinogenicity - Category 1A]   |
| CAN                 | GHS - Australia                   | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]  |
| CAN                 | GHS - New Zealand                 | Carcinogenicity category 1  |
|                     | EC - CEPA DSL                     | Persistent  |
| MAM                 | GHS - Japan                       | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| GEN                 | GHS - Japan                       | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]   |
| MAM                 | GHS - Australia                   | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |
| MAM                 | GHS - New Zealand                 | Specific target organ toxicity - repeated exposure category 1   |
| ADDITIONAL LISTINGS | AGENCY                            | NOTIFICATION  |
| None found          |                                   | No listings found on Additional Hazard Lists  |

SUBSTANCE NOTES: Sand is also known as Silica, Flint, Sand, Crystalline Free Silica, Quartz, Ground Silica, and Silica Flour. Limestone is also known as marble, marble chips and calcium carbonate.

## LIMESTONE

ID: 1317-65-3

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2022-09-14 7:54:38</b> |                 |                               |
|--|----------------------------|--|-----------------|-------------------------------|
| %: <b>15.0000 - 35.0000</b>                                      | GreenScreen: <b>BM-3dg</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE  | AGENCY AND LIST TITLES     | WARNINGS   |                 |                               |
| None found   |                            | No warnings found on HPD Priority Hazard Lists   |                 |                               |

| ADDITIONAL LISTINGS | AGENCY                                      | NOTIFICATION   |
|---------------------|---|--|
| POSITIVE LIST       | US Environmental Protection Agency (US EPA) | US EPA - DfE SCIL<br><br>Green Circle - Verified Low Concern |

SUBSTANCE NOTES:

**GRAVEL**

ID: **Not registered**

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2022-09-14 7:54:38</b> |                 |                               |
|--|--------------------------|--|-----------------|-------------------------------|
| %: <b>13.0000</b>  | GreenScreen: <b>NoGS</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Filler</b> |
| HAZARD TYPE  | AGENCY AND LIST TITLES   | WARNINGS   |                 |                               |
| None found   |                          | No warnings found on HPD Priority Hazard Lists   |                 |                               |
| ADDITIONAL LISTINGS  | AGENCY                   | NOTIFICATION                                     |                 |                               |
| None found   |                          | No listings found on Additional Hazard Lists     |                 |                               |

SUBSTANCE NOTES: Crushed Coarse Aggregate

**PORTLAND CEMENT**

ID: **65997-15-1**

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       | HAZARD SCREENING DATE: <b>2022-09-14 7:54:39</b>  |                 |                               |
|--|---------------------------------------|---|-----------------|-------------------------------|
| %: <b>8.0000 - 12.0000</b>                                       | GreenScreen: <b>LT-P1</b>             | RC: <b>None</b>   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Binder</b> |
| HAZARD TYPE  | AGENCY AND LIST TITLES                | WARNINGS  |                 |                               |
| CAN  | MAK                                   | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification  |                 |                               |
| END  | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor   |                 |                               |
|  | EC - CEPA DSL                         | Persistent  |                 |                               |
| 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  | AGENCY                                | NOTIFICATION  |                 |                               |
| None found   |                                       | No listings found on Additional Hazard Lists  |                 |                               |

SUBSTANCE NOTES: Cement is also known as Portland cement, cement kiln dust, kiln precipitator catch, waste kiln dust, and Round Granulated Blast Furnace Slag cement.

**TRIETHOXYCAPRYLYLSILANE**

ID: **2943-75-1**

|  |                            |  |                 |   |
|--|----------------------------|--|-----------------|---|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2022-09-14 7:54:39</b> |                 |   |
| %: <b>0.0000 - 1.0000</b>  | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Water resistance</b> |

| HAZARD TYPE         | AGENCY AND LIST TITLES | WARNINGS                                     |
|---------------------|------------------------|--|
| SKI                 | GHS - New Zealand      | Skin irritation category 2                   |
| ADDITIONAL LISTINGS | AGENCY                 | NOTIFICATION                                 |
| None found          |                        | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: MasterPel 240 multipurpose admixture is used in a variety of water-repellent and efflorescence control applications. This unique formula is based on a novel silane chemistry that is different from that of conventional water-repellent admixtures in the concrete industry. MasterPel 240 admixture also exhibits excellent wind-driven rain resistance and has achieved the highest rating per ASTM E 514. MasterPel 240 admixture meets ASTM C 494/C 494M requirements for Type S, Specific Performance, admixtures.

### TRIETHANOLAMINE 2-(2,4-DICHLOROPHOXY)PROPIONATE

ID: 53404-48-1

| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                        | HAZARD SCREENING DATE: 2022-09-14 7:54:40      |          |                             |
|---|------------------------|--|----------|-----------------------------|
| %: 0.0000 - 1.0000  | GreenScreen: NoGS      | RC: None                                       | NANO: No | SUBSTANCE ROLE: Plasticizer |
| HAZARD TYPE   | AGENCY AND LIST TITLES | WARNINGS                                       |          |                             |
| None found  |                        | No warnings found on HPD Priority Hazard Lists |          |                             |
| ADDITIONAL LISTINGS                                       | AGENCY                 | NOTIFICATION                                   |          |                             |
| None found  |                        | No listings found on Additional Hazard Lists   |          |                             |

SUBSTANCE NOTES:

### FERRIC OXIDE

ID: 1309-37-1

| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                        | HAZARD SCREENING DATE: 2022-09-14 7:54:40   |          |                     |
|---|------------------------|---|----------|---------------------|
| %: 0.0000 - 1.0000  | GreenScreen: BM-1      | RC: None  | NANO: No | SUBSTANCE ROLE: Dye |
| HAZARD TYPE   | AGENCY AND LIST TITLES | WARNINGS  |          |                     |
| CAN   | MAK                    | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification  |          |                     |
|   | EC - CEPA DSL          | Persistent  |          |                     |
| MAM   | GHS - Japan            | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |          |                     |
| EYE   | GHS - Japan            | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]   |          |                     |
| SKI   | GHS - Japan            | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]  |          |                     |
| ADDITIONAL LISTINGS                                       | AGENCY                 | NOTIFICATION  |          |                     |
| None found  |                        | No listings found on Additional Hazard Lists  |          |                     |

SUBSTANCE NOTES:

### DIOLAMINE

ID: 111-42-2

%: **0.0000 - 0.0100**GreenScreen: **BM-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Plasticizer**

| HAZARD TYPE | AGENCY AND LIST TITLES                    | WARNINGS  |
|-------------|---|---|
| CAN         | MAK                                       | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification  |
| END         | TEDX - Potential Endocrine Disruptors     | Potential Endocrine Disruptor   |
| SKI         | MAK                                       | Sensitizing Substance Sh - Danger of skin sensitization   |
| CAN         | CA EPA - Prop 65                          | Carcinogen  |
| CAN         | IARC                                      | Group 2b - Possibly carcinogenic to humans  |
| 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 | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]   |
| SKI         | GHS - New Zealand                         | Skin irritation category 2  |
| SKI         | GHS - Australia                           | H315 - Causes skin irritation [Skin corrosion/irritation - 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] |
| MAM         | GHS - Japan                               | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]  |
| 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                               | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]  |
| AQU         | GHS - New Zealand                         | Hazardous to the aquatic environment - chronic category 3   |
| REP         | GHS - Japan                               | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]   |
| AQU         | GHS - Japan                               | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]  |
| EYE         | GHS - Australia                           | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]   |

| ADDITIONAL LISTINGS | AGENCY  | NOTIFICATION  |
|---------------------|---|---|
| RESTRICTED LIST     | Perkins+Will (P+W)                                      | P&W - Precautionary List<br><br>Watch List  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products |

SUBSTANCE NOTES:

### TROLAMINE

ID: 102-71-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-14 7:54:42**

%: **0.0000 - 0.0100** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

| HAZARD TYPE | AGENCY AND LIST TITLES                | WARNINGS   |
|-------------|---------------------------------------|--|
| END         | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor  |
| 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]   |
|             | EC - CEPA DSL                         | Persistent   |
| SKI         | GHS - Japan                           | H317 - May cause an allergic skin reaction [Skin sensitizer - Category 1]                |
| SKI         | GHS - Japan                           | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                 |
| EYE         | GHS - Japan                           | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A] |

| ADDITIONAL LISTINGS | AGENCY                                      | NOTIFICATION  |
|---------------------|---|---|
| RESTRICTED LIST     | Perkins+Will (P+W)                          | P&W - Precautionary List<br><br>Watch List  |
| RESTRICTED LIST     | US Environmental Protection Agency (US EPA) | US EPA - DfE SCIL<br><br>Yellow Triangle - best available in class but some hazard profile issues |

SUBSTANCE NOTES:

### CALCIUM NITRATE, 4-HYDRATE

ID: 13477-34-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-14 7:54:42**

%: **0.0000 - 0.0100**

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Accelerator**

| HAZARD TYPE         | AGENCY AND LIST TITLES | WARNINGS                                     |
|---------------------|------------------------|--|
| EYE                 | GHS - New Zealand      | Serious eye damage category 1                |
| ADDITIONAL LISTINGS | AGENCY                 | 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.*

|                                     |                        |                                 |
|-------------------------------------|------------------------|---------------------------------|
| <b>VOC EMISSIONS</b>                | <b>Not Applicable</b>  |                                 |
| CERTIFYING PARTY: Self-declared     | ISSUE DATE: 2022-06-30 | CERTIFIER OR LAB: Self-declared |
| APPLICABLE FACILITIES: ALL          | EXPIRY DATE:           |                                 |
| 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

Expocrete, an Oldcastle® company is the recognized leading manufacturer and innovator of Concrete Masonry products and Hardscapes throughout Western Canada. Our products are the preferred choice among contractors, developers, builders, architects and designers alike and we are proud of our standing as one of the most admired companies in our industry.

**MANUFACTURER INFORMATION**

**MANUFACTURER:** Oldcastle APG  
**ADDRESS:** 13321- 170 Street  
 Edmonton AB T5V 1N8, Canada  
**WEBSITE:** [www.expconcrete.com](http://www.expconcrete.com)

**CONTACT NAME:** Mike Lafontaine  
**TITLE:** Key Account Manager  
**PHONE:** 780-907-4920  
**EMAIL:** [mike.lafontaine@oldcastle.com](mailto:mike.lafontaine@oldcastle.com)

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

**KEY**

**Hazard Types**

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

**GreenScreen (GS)**

|   |  |
|---|--|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-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**

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

**Other Terms:**

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

**Inventory Methods:**

- Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material
- Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product
- Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

- Nano** Composed of nano scale particles or nanotechnology
- Third Party Verified** Verification by independent certifier approved by HPDC
- Preparer** Third party preparer, if not self-prepared by manufacturer
- Applicable facilities** Manufacturing sites to which testing applies

*The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:*

- *a method for the assessment of exposure or risk associated with product handling or use,*
- *a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.*