

HPD UNIQUE IDENTIFIER: 31545

CLASSIFICATION: 09 65 16.23 Vinyl Sheet Flooring

**PRODUCT DESCRIPTION:** AHF Products offers a series of leading commercial solutions. The Homogeneous sheet line features a solid 2.0 mm gauge construction with a through-color base layer. This allows the floor to handle heavy rolling loads and ensures that any accidental gouges will become visually imperceptible. Wide 2.0 m (78.7 inch) rolls are wider than the standard competitor's 72 inch, resulting in a faster installation with less seams or welds. Available in a variety of colors, our Homogeneous sheet features 100% virgin vinyl with no phthalates or heavy metals and a smooth embossed surface, topped with our ground-breaking coating. Our breakthrough coating system is best-in-class, provides the ultimate protection for easy cleanability and superior resistance to scratches and stains and requires no waxing, buffing, sealers or finishes. Ideal for Healthcare, Assisted Living, Education, Corporate, Hospitality, Retail and Institutional environments and comes with a 10-year limited commercial warranty.

**Section 1: Summary**

**Basic Method / Product Threshold**

**CONTENT INVENTORY**

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

**CONTENT IN DESCENDING ORDER OF QUANTITY**

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

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

**HOMOGENEOUS SHEET | POLYVINYL CHLORIDE** **LT-P1** | MAM  
**CALCIUM CARBONATE** **BM-3dg** **DI(2-ETHYLHEXYL)**  
**TEREPHTHALATE** **BM-3dg** **OCTADECANOIC ACID, ZINC SALT** **LT-UNK** | AQU **1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,3-BUTANEDIOL, 1,6-DIISOCYANATOHEXANE, 2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL, 1,6-HEXANEDIOL AND 2-OXEPANONE** **LT-UNK** **2-PROPENOIC ACID, 1,1'-[2-[[[3-[[1-OXO-2-PROPEN-1-YL)OXY]-2,2-BIS[[[1-OXO-2-PROPEN-1-YL)OXY]METHYL]PROPOXY[METHYL]-2-[[[1-OXO-2-PROPEN-1-YL)OXY]METHYL]-1,3-PROPANEDIYL] ESTER** **NoGS** **2-PROPENOIC ACID, 2,2-BIS[[[1-OXO-2-PROPENYL) OXY]METHYL]-1,3-PROPANEDIYL ESTER** **LT-UNK** | SKI | EYE **4-(1-OXO-2-PROPENYL)-MORPHOLINE** **LT-P1** | MUL | EYE | SKI **SILICA, AMORPHOUS, FUMED, CRYST.-FREE** **BM-1** **4-(2-HYDROXYETHOXY)BENZOPHENONE, ACETATE** **NoGS** **2-PROPENOIC ACID, PHENYLMETHYL ESTER** **NoGS** **2-PROPENOIC ACID, 2-METHYL-, PHOSPHINICOBIS(OXY-2,1-ETHANEDIYL) ESTER** **NoGS** |

Number of Greenscreen BM-4/BM3 contents ... 2  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, BM-1  
Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

Basic Inventory Method

**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: RFCI FloorScore

**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: 2023-02-24

PUBLISHED DATE: 2023-02-24

EXPIRY DATE: 2026-02-24

## Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

### HOMOGENEOUS SHEET

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

RESIDUALS AND IMPURITIES NOTES: Although this product does not meet the requirements for Residuals/Impurities - Considered, it has been thoroughly tested according to the latest industry standards for performance & safety (including heavy metals, ortho-phthalates, and VOC emissions/indoor air quality).

OTHER PRODUCT NOTES: We have disclosed all known ingredients via this HPD.

### POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-02-24 11:22:30

#: 39.7600 - 49.7000 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Polymer species

| HAZARD TYPE         | LIST NAME AND SOURCE                                     | WARNINGS   |
|---------------------|--|--|
| 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     | Perkins+Will (P+W)                                       | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance   |
| 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, 2022<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |

SUBSTANCE NOTES:

### CALCIUM CARBONATE

ID: 1317-65-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-02-24 11:22:31

#: 29.8200 - 44.7300 GreenScreen: BM-3dg RC: None NANO: No SUBSTANCE ROLE: Filler

| 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:    |                      |  |

### DI(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       | HAZARD SCREENING DATE: <b>2023-02-24 11:22:31</b>            |                 |                                    |
|--|---------------------------------------|--|-----------------|------------------------------------|
| %: <b>14.9100 - 24.8500</b>                                      | GreenScreen: <b>BM-3dg</b>            | RC: <b>None</b>  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Plasticizer</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  | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals<br>Some Solvents |                 |                                    |
| SUBSTANCE NOTES:   |                                       |  |                 |                                    |

### OCTADECANOIC ACID, ZINC SALT

ID: 557-05-1

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |   | HAZARD SCREENING DATE: <b>2023-02-24 11:22:32</b>  |                 |                                   |
|--|---|--|-----------------|-----------------------------------|
| %: <b>0.0990 - 1.9880</b>  | GreenScreen: <b>LT-UNK</b>                              | RC: <b>None</b>  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Stabilizer</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                                    | WARNINGS   |                 |                                   |
| AQU  | GHS - New Zealand                                       | Hazardous to the aquatic environment - acute 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<br>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<br>Children's Products                               |                 |                                   |
| SUBSTANCE NOTES:   |   |  |                 |                                   |

### 1,3-BENZENEDICARBOXYLIC ACID, POLYMER WITH 1,3-BUTANEDIOL, 1,6-DIISOCYANATOHEXANE, 2-ETHYL-2-(HYDROXYMETHYL)-1,3-PROPANEDIOL, 1,6-HEXANEDIOL AND 2-OXEPANONE

ID: 83863-86-9

%: **0.2700 - 0.3300** 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:

**2-PROPENOIC ACID, 1,1'-[2-[[3-[(1-OXO-2-PROPEN-1-YL)OXY]-2,2-BIS[[[(1-OXO-2-PROPEN-1-YL)OXY]METHYL]PROPOXY]METHYL]-2-[(1-OXO-2-PROPEN-1-YL)OXY]METHYL]-1,3-PROPANEDIYL] ESTER**

ID: **29570-58-9**

%: **0.0300 - 0.0900** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

| 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:

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

ID: **4986-89-4**

%: **0.0300 - 0.0900** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

| HAZARD TYPE | LIST NAME AND SOURCE                      | WARNINGS   |
|-------------|---|--|
| 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] |
| 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] |

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

## SUBSTANCE NOTES:

## 4-(1-OXO-2-PROPENYL)-MORPHOLINE

ID: 5117-12-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-02-24 11:22:33**%: **0.0300 - 0.0900** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS  |
|---------------------|---|---|
| MUL                 | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters  |
| 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  |
| EYE                 | GHS - New Zealand                           | Eye irritation category 2   |
| EYE                 | GHS - Australia                             | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1] |
| 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: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-02-24 11:22:34**%: **0.0300 - 0.0900** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Matting agent**

| 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:

## 4-(2-HYDROXYETHOXY)BENZOPHENONE, ACETATE

ID: 75230-42-1

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-02-24 11:22:35**%: **0.0060 - 0.0600** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Photoinitiator**

| 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:

## 2-PROPENOIC ACID, PHENYLMETHYL ESTER

ID: 2495-35-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2023-02-24 11:22:33**

%: **0.0060 - 0.0600**

GreenScreen: **NoGS**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Monomer**

| 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     | Green Science Policy Institute (GSPI) | GSPI - Six Classes of Problematic Chemicals<br>Some Solvents |
| SUBSTANCE NOTES:    |                                       |  |

**2-PROPENOIC ACID, 2-METHYL-, PHOSPHINICOBIS(OXY-2,1-ETHANEDIYL) ESTER**

ID: **32435-46-4**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2023-02-24 11:22:34**

%: **0.0060 - 0.0300**

GreenScreen: **NoGS**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Monomer**

| 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   | RFCI FloorScore         |                              |
|---|-------------------------|------------------------------|
| CERTIFYING PARTY: Third Party                                 | ISSUE DATE: 2022-04-01  | CERTIFIER OR LAB: SCS Global |
| APPLICABLE FACILITIES: All                                    | EXPIRY DATE: 2023-03-31 | Services                     |
| CERTIFICATE URL:  |                         |                              |
| CERTIFICATION AND COMPLIANCE NOTES: Certificate #SCS-FS-06259 |                         |                              |

## 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.*

**BONDLINK**  
MANUFACTURER (OR GENERIC): **AHF, LLC dba AHF Products**

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HPD URL: No HPD Available  
ACCESSORY TYPE: Adhesive  
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Refer to installation instructions for additional information

**APEX PRO**  
MANUFACTURER (OR GENERIC): **AHF, LLC dba AHF Products**

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HPD URL: No HPD Available  
ACCESSORY TYPE: Adhesive  
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Refer to installation instructions for additional information

**TUFFLINK**  
MANUFACTURER (OR GENERIC): **AHF, LLC dba AHF Products**

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HPD URL: No HPD Available  
ACCESSORY TYPE: Adhesive  
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Refer to installation instructions for additional information

## Section 5: General Notes

Refer to installation instructions and manufacturer's warranty for information about proper use of adhesives/accessories and other important information.



**MANUFACTURER INFORMATION**

**MANUFACTURER:** AHF, LLC dba AHF Products  
**ADDRESS:** 3840 Hempland Road  
**P.O. Box 566**  
**Mountville PA 17554, United States**  
**WEBSITE:** <https://www.ahfproducts.com/>

**CONTACT NAME:** Commercial Support  
**TITLE:** Commercial Support  
**PHONE:** (866) 243-2726  
**EMAIL:** [commercialsupport@ahfproducts.com](mailto:commercialsupport@ahfproducts.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*

