

HPD UNIQUE IDENTIFIER: 681290199040  
CLASSIFICATION: 09 65 00 Resilient Flooring  
PRODUCT DESCRIPTION: This HPD covers the following SPC collections: Fortitude and Indwell SPC.

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 type="radio"/> Nested Materials Method | <input 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 checked="" 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**

**COMMERCIAL SPC (FORTITUDE, ET AL.) [ CALCIUM CARBONATE**

**BM-3 | EYE POLYVINYL CHLORIDE LT-P1 | MAM VINYL**

**ACETATE/ETHYLENE COPOLYMER LT-UNK | OCTADECANOIC ACID,**

**CALCIUM SALT LT-UNK | OCTADECANOIC ACID, ZINC SALT LT-UNK |**

**AQU DI(2-ETHYLHEXYL) TEREPHTHALATE BM-3dg | POLYURETHANE**

**LT-UNK | ETHENE, HOMOPOLYMER, CHLORINATED LT-UNK | LLDPE**

**LT-UNK | 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER**

**WITH BUTYL 2-PROPENOATE LT-UNK | 1-OCTADECANOL LT-UNK |**

**EYE ETHENE, HOMOPOLYMER, OXIDIZED LT-UNK |**

Number of Greenscreen BM-4/BM3 contents ... 2

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

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

All ingredients have been screened against HPD authoritative lists.

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

LCA: Environmental Product Declaration

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

|                                     |                         |                            |
|-------------------------------------|-------------------------|----------------------------|
| Third Party Verified?               | PREPARER: Self-Prepared | SCREENING DATE: 2025-02-12 |
| <input type="radio"/> Yes           | VERIFIER:               | PUBLISHED DATE: 2025-02-12 |
| <input checked="" type="radio"/> No | VERIFICATION #:         | EXPIRY DATE: 2028-02-12    |

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)

COMMERCIAL SPC (FORTITUDE, ET AL.)

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

RESIDUALS AND IMPURITIES NOTES: All ingredients at or above 1000 ppm are included in this HPD. Any residuals and impurities below 1000 ppm are below the reporting threshold and are not considered. This is based on information provided to us by our supplier.

OTHER PRODUCT NOTES:

CALCIUM CARBONATEID: 471-34-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-02-12 9:41:07

|                      |                      |                                              |          |                        |
|----------------------|----------------------|----------------------------------------------|----------|------------------------|
| %: 63.0000 - 70.0000 | GreenScreen: BM-3    | RC: None                                     | NANO: No | SUBSTANCE ROLE: Filler |
| 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:

POLYVINYL CHLORIDEID: 9002-86-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-02-12 9:40:37

|                      |                      |                                                                                                                                                           |          |                                 |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------|
| %: 20.0000 - 25.0000 | GreenScreen: LT-P1   | RC: None                                                                                                                                                  | NANO: No | SUBSTANCE ROLE: Polymer species |
| HAZARD TYPE          | LIST NAME AND SOURCE | WARNINGS                                                                                                                                                  |          |                                 |
| 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] |          |                                 |

| 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 (C2CPII) | C2C Certified v4.0 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 February 1, 2025<br><br>Red List substances to avoid in Living Building Challenge V4.0 projects |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Avoidance of Organohalogens and Functionally Related Chemical Classes of Concern    |
| SUBSTANCE NOTES:    |                                                         |                                                                                                                                                                               |

VINYL ACETATE/ETHYLENE COPOLYMER

ID: 24937-78-8

|                                                                  |                            |                                                  |                                                |                                   |
|------------------------------------------------------------------|----------------------------|--------------------------------------------------|------------------------------------------------|-----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2025-02-12 9:40:38</b> |                                                |                                   |
| %: <b>1.0000 - 5.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Cushioning</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:                                                 |                            |                                                  |                                                |                                   |

OCTADECANOIC ACID, CALCIUM SALT

ID: 1592-23-0

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2025-02-12 9:40:40</b> |                 |                                   |
|------------------------------------------------------------------|----------------------------|--------------------------------------------------|-----------------|-----------------------------------|
| %: <b>1.0000 - 3.0000</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                                         |                 |                                   |
| 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:    |                      |                                              |

OCTADECANOIC ACID, ZINC SALT

ID: 557-05-1

|                                                                  |                                                         |                 |                                                                                               |                                   |
|------------------------------------------------------------------|---------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------|-----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                                         |                 | HAZARD SCREENING DATE: <b>2025-02-12 9:40:37</b>                                              |                                   |
| %: <b>0.5000 - 2.0000</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 v4.0 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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                                   |
|                                                                  |                                                         |                 | Children's Products                                                                           |                                   |
| RESTRICTED LIST                                                  | Cradle to Cradle Products Innovation Institute (C2CPII) |                 | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024            |                                   |
|                                                                  |                                                         |                 | Children's Toy Products                                                                       |                                   |
| SUBSTANCE NOTES:                                                 |                                                         |                 |                                                                                               |                                   |

DI(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

|                                                                  |                                       |                                                  |                                                |                                    |
|------------------------------------------------------------------|---------------------------------------|--------------------------------------------------|------------------------------------------------|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       | HAZARD SCREENING DATE: <b>2025-02-12 9:40:38</b> |                                                |                                    |
| %: <b>0.1000 - 2.0000</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 Precautionary List          |                                    |
|                                                                  |                                       |                                                  | Some Solvents                                  |                                    |
| SUBSTANCE NOTES:                                                 |                                       |                                                  |                                                |                                    |

POLYURETHANE

ID: 9009-54-5

|                                                                  |                            |                 |                                                  |                                |
|------------------------------------------------------------------|----------------------------|-----------------|--------------------------------------------------|--------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2025-02-12 9:40:38</b> |                                |
| %: <b>0.1000 - 2.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Coating</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:                                                 |                            |                 |                                                  |                                |

ETHENE, HOMOPOLYMER, CHLORINATED

ID: 64754-90-1

|                                                                  |                                                          |                                                                                                |                                                  |                                        |
|------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                                          |                                                                                                | HAZARD SCREENING DATE: <b>2025-02-12 9:40:39</b> |                                        |
| %: <b>1.5320 - 1.5320</b>                                        | GreenScreen: <b>LT-UNK</b>                               | RC: <b>None</b>                                                                                | NANO: <b>Unknown</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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022  |                                                  |                                        |
|                                                                  |                                                          | Core Restrictions                                                                              |                                                  |                                        |
| RESTRICTED LIST                                                  | International Living Future Institute (ILFI)             | Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective February 1, 2025 |                                                  |                                        |
|                                                                  |                                                          | Red List substances to avoid in Living Building Challenge V4.0 projects                        |                                                  |                                        |
| SUBSTANCE NOTES:                                                 |                                                          |                                                                                                |                                                  |                                        |

LLDPE

ID: 9002-88-4

|                                                                  |                            |                 |                                                  |                                  |
|------------------------------------------------------------------|----------------------------|-----------------|--------------------------------------------------|----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2025-02-12 9:40:39</b> |                                  |
| %: <b>0.1000 - 1.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Lubricant</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: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2025-02-12 9:40:40</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:                                                 |                            |                                                |                                                  |                                        |

1-OCTADECANOL

ID: 112-92-5

|                                                                  |                            |                 |                                                  |                                  |
|------------------------------------------------------------------|----------------------------|-----------------|--------------------------------------------------|----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2025-02-12 9:40:40</b> |                                  |
| %: <b>0.1000 - 1.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Lubricant</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:                                                 |                            |                 |                                                  |                                  |

ETHENE, HOMOPOLYMER, OXIDIZED

ID: 68441-17-8

|                                                                  |                            |                                                |                                                  |                                  |
|------------------------------------------------------------------|----------------------------|------------------------------------------------|--------------------------------------------------|----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                                | HAZARD SCREENING DATE: <b>2025-02-12 9:40:41</b> |                                  |
| %: <b>0.1000 - 1.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Lubricant</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:                                                 |                            |                                                |                                                  |                                  |

### 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: 2024-04-11 00:00:00  | CERTIFIER OR LAB: SCS Global |
| APPLICABLE FACILITIES: All                                                                                                                      | EXPIRY DATE: 2025-03-31 00:00:00 | Services                     |
| CERTIFICATE URL:<br><a href="https://pdmsview.shawinc.com/viewer/document/doc/20650">https://pdmsview.shawinc.com/viewer/document/doc/20650</a> |                                  |                              |
| CERTIFICATION AND COMPLIANCE NOTES:                                                                                                             |                                  |                              |

| LCA                                                                                                                                               | Environmental Product Declaration |                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------|
| CERTIFYING PARTY: Third Party                                                                                                                     | ISSUE DATE: 2024-05-09 00:00:00   | CERTIFIER OR LAB: SCS Global |
| APPLICABLE FACILITIES: All                                                                                                                        | EXPIRY DATE: 2029-05-08 00:00:00  | Services                     |
| CERTIFICATE URL:<br><a href="https://pdmsview.shawinc.com/viewer/document/doc/11604?">https://pdmsview.shawinc.com/viewer/document/doc/11604?</a> |                                   |                              |
| CERTIFICATION AND COMPLIANCE NOTES: This is an Industry Wide Environmental Product Declaration.                                                   |                                   |                              |

### Section 4: Accessories

*This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.*

No accessories are required for this product.

### Section 5: General Notes

This HPD covers the following SPC collections: Fortitude and Indwell SPC.

Additional Sustainability Information found at: <https://philadelphiacommercial.com/madesmarter>

Additional Installation and Accessory Information found at: <https://philadelphiacommercial.com/performance/installation>

## MANUFACTURER INFORMATION

MANUFACTURER: **Philadelphia Commercial**  
 ADDRESS: **P.O. Box 2128**  
**Dalton, Georgia 30722**  
 COUNTRY: **United States**

WEBSITE: **<https://philadelphiacommercial.com/>**  
 CONTACT NAME: **Christine Mullan**  
 TITLE: **Product Sustainability Manager**  
 PHONE: **706-532-2181**  
 EMAIL: **christine.mullan@shawinc.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

|                                                     |
|-----------------------------------------------------|
| <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          |

**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*

