

HPD UNIQUE IDENTIFIER: 31703  
CLASSIFICATION: 12 05 13 Fabrics  
PRODUCT DESCRIPTION: 100 Vinyl upholstery materials

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

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**  
**TANGRAM [ POLYVINYL CHLORIDE LT-P1 | MAM BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3dg POLYETHYLENE TEREPHTHALATE (PET) LT-P1 ALUMINA TRIHYDRATE (PRIMARY CASRN IS 21645-51-2) BM-2 | SKI | EYE POLYURETHANE RESINS DERIVED FROM THE REACTION OF DIPHENYLMETHANE DIISOCYANATE WITH 1,3-PROPANEDIOL AND POLYTETRAMETHYLENE ETHER GLYCOL NoGS TRIS(2-ETHYLHEXYL) TRIMELLITATE BM-U | END TITANIUM DIOXIDE LT-1\* | CAN | END | MAM UNDISCLOSED Not Screened UNDISCLOSED Not Screened 2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE LT-P1 | END | AQU 1,1'-AZOBIS(FORMAMIDE) LT-UNK | PHY | RES ]**

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

The product was screened to 1000 ppm and all substances above 1000 ppm have been disclosed

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

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE** See Section 3 for additional listings.  
VOC emissions: UL/GreenGuard Gold Certified  
**CONSISTENCY WITH OTHER PROGRAMS**  
No pre-checks completed or disclosed.

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| <b>Third Party Verified?</b><br><input type="radio"/> Yes<br><input checked="" type="radio"/> No | <b>PREPARER:</b> Self-Prepared<br><b>VERIFIER:</b><br><b>VERIFICATION #:</b> | <b>SCREENING DATE:</b> 2023-02-20<br><b>PUBLISHED DATE:</b> 2023-03-13<br><b>EXPIRY DATE:</b> 2026-02-20 |
|--|--|--|

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)

TANGRAM

PRODUCT THRESHOLD: 1000 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Partially

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities above the disclosed threshold level.

OTHER PRODUCT NOTES:

POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2023-02-20 7:00:51

%: 35.5600 - 35.5600      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 |

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| 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: PVC film used as base material

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2023-02-20 7:00:51

%: 24.5400 - 24.5400      GreenScreen: BM-3dg      RC: None      NANO: No      SUBSTANCE ROLE: Plasticizer

| 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><br>Some Solvents |
| SUBSTANCE NOTES: DOTP used as plasticizer in the manufacture of PVC |                                       |  |

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

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| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                           | HAZARD SCREENING DATE: <b>2023-02-20 7:00:52</b> |  |  |
| ?: <b>20.7800 - 20.7800</b>                                      | GreenScreen: <b>LT-P1</b> | RC: <b>None</b>                                  | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Structure component</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: Polyester textile backing material              |                           |  |  |  |

ALUMINA TRIHYDRATE (PRIMARY CASRN IS 21645-51-2)

ID: 8064-00-4

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|---|--|---|----------------------------|------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |  | HAZARD SCREENING DATE: 2023-02-20 7:00:53   |                            |                        |
| %: 6.9400 - 6.9400  | GreenScreen: BM-2  | RC: None  | NANO: No                   | SUBSTANCE ROLE: Filler |
| HAZARD TYPE   | LIST NAME AND SOURCE                                     |   | WARNINGS                   |                        |
| SKI   | GHS - New Zealand  |   | Skin irritation category 2 |                        |
| EYE   | GHS - New Zealand  |   | Eye irritation category 2  |                        |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE                                     |   | NOTIFICATION               |                        |
| RESTRICTED LIST   | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                            |                        |
|   |  | Biological and Environmentally Released Materials   |                            |                        |
| RESTRICTED LIST   | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |                            |                        |
|   |  | Children's Products   |                            |                        |
| SUBSTANCE NOTES: This substance is used as a filler       |  |   |                            |                        |

POLYURETHANE RESINS DERIVED FROM THE REACTION OF DIPHENYLMETHANE DIISOCYANATE WITH 1,3-PROPANEDIOL AND POLYTETRAMETHYLENE ETHER GLYCOL

ID: Undisclosed

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| HAZARD DATA SOURCE: Pharos Chemical and Materials Library | HAZARD SCREENING DATE: 2023-02-20 7:00:53 |
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| <div> <div>%: 4.1900 - 4.1900</div> <div>GreenScreen: NoGS</div> <div>RC: None</div> <div>NANO: No</div> <div>SUBSTANCE ROLE: Antistain</div> </div> |                      |  |
| 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: Polyurethane top coat mixture used for stain protection   |                      |  |

TRIS(2-ETHYLHEXYL) TRIMELLITATE

ID: 3319-31-1

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|--|---------------------------------------|--|---|------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                       | HAZARD SCREENING DATE: <b>2023-02-20 7:00:52</b> |   |                                    |
| %: <b>3.5200 - 3.5200</b>  | GreenScreen: <b>BM-U</b>              | RC: <b>None</b>                                  | NANO: <b>No</b>                             | SUBSTANCE ROLE: <b>Plasticizer</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                  |  | WARNINGS                                    |                                    |
| END  | TEDX - Potential Endocrine Disruptors |  | Potential Endocrine Disruptor               |                                    |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                  |  | NOTIFICATION                                |                                    |
| RESTRICTED LIST  | Green Science Policy Institute (GSPI) |  | GSPI - Six Classes of Problematic Chemicals |                                    |
|  |                                       |  | Bisphenols and Phthalates                   |                                    |
| SUBSTANCE NOTES: Plasticizer used in manufacture of PVC          |                                       |  |   |                                    |

TITANIUM DIOXIDE

ID: 13463-67-7

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| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2023-02-20 7:00:53</b> |                 |                                |
| %: <b>3.1500 - 3.1500</b>  | GreenScreen: <b>LT-1</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Pigment</b> |
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| HAZARD TYPE | LIST NAME AND SOURCE                      | WARNINGS  |
|-------------|---|---|
| CAN         | US CDC - Occupational Carcinogens         | Occupational Carcinogen**   |
| CAN         | CA EPA - Prop 65                          | Carcinogen - specific to chemical form or exposure route**  |
| CAN         | IARC                                      | Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources**  |
| CAN         | MAK                                       | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value**  |
| END         | TEDX - Potential Endocrine Disruptors     | Potential Endocrine Disruptor**   |
| CAN         | MAK                                       | Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels**  |
| CAN         | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**   |
| CAN         | GHS - Japan                               | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]**   |
| MAM         | GHS - Japan                               | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]** |
| CAN         | EU - Annex VI CMRs                        | Carcinogen Category 2 - Suspected human Carcinogen**  |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION  |
|---------------------|--|---|
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 |
|                     |  | Cosmetics & Personal Care Products  |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)              | US EPA - DfE Safer Chemicals Ingredients list (SCIL)  |
|                     |  | Colorants - Green Circle (Verified Low Concern)   |

SUBSTANCE NOTES: This substance is used as a pigment.

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

UNDISCLOSED

ID: Undisclosed

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |   | HAZARD SCREENING DATE: <b>Not Screened</b> |                 |                            |
|--|---|--|-----------------|----------------------------|
| %: <b>0.5600 - 0.5600</b>  | GreenScreen: <b>Not Screened</b>          | RC: <b>None</b>                            | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Dye</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                      | WARNINGS                                   |                 |                            |
|  | Hazard Screening not performed            |  |                 |                            |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                      | NOTIFICATION                               |                 |                            |
|  | Additional Hazard Screening not performed |  |                 |                            |

SUBSTANCE NOTES: This substance s a latex based colorant

UNDISCLOSED

ID: **Undisclosed**

|  |   |  |                 |  |
|--|---|--|-----------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |   | HAZARD SCREENING DATE: <b>Not Screened</b> |                 |  |
| %: <b>0.4900 - 0.4900</b>  | GreenScreen: <b>Not Screened</b>          | RC: <b>None</b>                            | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Heat or UV stabilizer</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE                      |  | WARNINGS        |  |
|  | Hazard Screening not performed            |  |                 |  |
| ADDITIONAL LISTINGS  | LIST NAME AND SOURCE                      |  | NOTIFICATION    |  |
|  | Additional Hazard Screening not performed |  |                 |  |
| SUBSTANCE NOTES: This substance is a heat stabilizer             |   |  |                 |  |

2,2,4-TRIMETHYL-1,3-PENTANEDIOL DIISOBUTYRATE

ID: **6846-50-0**

|   |                                       |   |  |                             |
|---|---------------------------------------|---|--|-----------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                       | HAZARD SCREENING DATE: 2023-02-20 7:00:54 |  |                             |
| ?: 0.2100 - 0.2100  | GreenScreen: LT-P1                    | RC: None                                  | NANO: No   | SUBSTANCE ROLE: Plasticizer |
| HAZARD TYPE   | LIST NAME AND SOURCE                  |   | WARNINGS   |                             |
| END   | TEDX - Potential Endocrine Disruptors |   | Potential Endocrine Disruptor  |                             |
| AQU   | GHS - Japan                           |   | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2] |                             |
| ADDITIONAL LISTINGS                                       | LIST NAME AND SOURCE                  |   | NOTIFICATION   |                             |
| RESTRICTED LIST   | Green Science Policy Institute (GSPI) |   | GSPI - Six Classes of Problematic Chemicals  |                             |
|   |                                       |   | Some Solvents  |                             |
| SUBSTANCE NOTES: Plasticizer used in manufacture of PVC   |                                       |   |  |                             |

1,1'-AZOBIS(FORMAMIDE)

ID: **123-77-3**

|  |                              |  |   |                                      |
|--|------------------------------|--|---|--------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                              | HAZARD SCREENING DATE: <b>2023-02-20 7:00:54</b> |   |                                      |
| %: <b>0.0500 - 0.0500</b>  | GreenScreen: <b>LT-UNK</b>   | RC: <b>None</b>                                  | NANO: <b>No</b>   | SUBSTANCE ROLE: <b>Blowing agent</b> |
| HAZARD TYPE  | LIST NAME AND SOURCE         |  | WARNINGS  |                                      |
| PHY  | GHS - New Zealand            |  | Flammable solids category 1   |                                      |
| PHY  | GHS - Japan                  |  | H225 - Highly flammable liquid and vapour [Flammable solids - Category 1] |                                      |
| RES  | EU - SVHC Authorisation List |  | Equivalent Concern - Candidate List: Respiratory sensitizing              |                                      |
| RES  | EU - SVHC Authorisation List |  | Equivalent Concern - Prioritization List: Respiratory sensitizing         |                                      |

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: This substance is a blowing agent

## 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  | UL/GreenGuard Gold Certified |                      |
|--|------------------------------|----------------------|
| CERTIFYING PARTY: Third Party                          | ISSUE DATE: 2023-03-11       | CERTIFIER OR LAB: UL |
| APPLICABLE FACILITIES: Indoor Facilities               | EXPIRY DATE:                 |                      |
| CERTIFICATE URL:                                       |                              |                      |
| CERTIFICATION AND COMPLIANCE NOTES: UL Greenguard Gold |                              |                      |

## 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

Tangram is 100% Vinyl upholstery material that does not contain harmful Phthalates.  
Does not contain antimicrobials, Flame retardants.  
Cleaning code: WS, Bleach cleanable (10:1), Denim Dye resistant



## MANUFACTURER INFORMATION

**MANUFACTURER:** Designtex  
**ADDRESS:** 357 County Avenue  
 Secaucus NJ 07094, USA  
**WEBSITE:** [www.Designtex.com](http://www.Designtex.com)

**CONTACT NAME:** Adity Phadnis  
**TITLE:** Product Compliance  
**PHONE:** 201-917-7743  
**EMAIL:** [aphadnis@designtex.com](mailto:aphadnis@designtex.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 for compliance with the HPD standard noted.*