

HPD UNIQUE IDENTIFIER: 27041

CLASSIFICATION: 09 65 16.23 Vinyl Sheet Flooring

PRODUCT DESCRIPTION: A range of PVC based resilient floor coverings of varying thickness (2mm - 3.9mm) includes Altro Orchestra, Altro Operetta, Altro Serenade, Altro Wood, Altro Wood Acoustic, Altro Wood Comfort, Altro Zodiac Smooth, Altro Cantata and Altro Wood-adhesive free.

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</b><br><input type="radio"/> Considered<br><input type="radio"/> Partially Considered<br><input checked="" type="radio"/> Not Considered<br><br><b>Explanation(s) provided for Residuals/Impurities?</b><br><input checked="" type="radio"/> Yes <input type="radio"/> No | <i>All Substances Above the Threshold Indicated Are:</i><br><b>Characterized</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>% weight and role provided for all substances.</i><br><b>Screened</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>All substances screened using Priority Hazard Lists with results disclosed.</i><br><b>Identified</b> <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>All substances disclosed by Name (Specific or Generic) and 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.

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY**  
**GREENSCREEN SCORE | HAZARD TYPE**  
**ALTRO WOOD OOS COLLECTION | POLYVINYL CHLORIDE** LT-P1 |  
**RES LIMESTONE** LT-UNK **ACETYL TRIOCTYL CITRATE** LT-UNK  
**ACETYLTRIBUTYL CITRATE** LT-P1 | **MUL DISTILLATES**  
**(PETROLEUM), HYDROTREATED LIGHT PARAFFINIC** LT-1 | **CAN** |  
**MUL TITANIUM DIOXIDE** LT-1 | **CAN** | **END EPOXIDIZED SOYBEAN**  
**OIL** LT-P1 **PHOSPHOROUS ACID, TRI-C12-14-ALKYL ESTERS** NoGS  
**NEODECANOIC ACID, ZINC SALT (PRIMARY CASRN IS 27253-29-8)**  
**LT-P1** | **MUL 1,6-HEXANEDIOL DIACRYLATE** LT-P1 | **SKI** | **EYE** | **MUL 2-**  
**PROPENOIC ACID, (5-ETHYL-1,3-DIOXAN-5-YL)METHYL ESTER** LT-  
**P1** | **MUL 2-ETHYLHEXYL ACRYLATE** LT-UNK | **SKI** | **CAN**  
**TRICYCLODECANEDIMETHANOL DIACRYLATE** NoGS **ZINC**  
**BENZOATE** LT-P1 | **MUL ALUMINUM OXIDE** BM-2 | **RES** ]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

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

No pre-checks completed or disclosed.

|                                                                                                  |                                                                              |                                                                                                          |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <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> 2020-09-14<br><b>PUBLISHED DATE:</b> 2022-01-11<br><b>EXPIRY DATE:</b> 2023-09-14 |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|

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

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

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)

## ALTRO WOOD OOS COLLECTION

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: not considered as information not available

OTHER PRODUCT NOTES:

### POLYVINYL CHLORIDE

ID: 9002-86-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-14 14:18:32

?: 40.0000 - 60.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Polymer species

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RES

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES:

### LIMESTONE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-14 14:19:44

?: 12.0000 - 20.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Filler

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

### ACETYL TRIOCTYL CITRATE

ID: 144-15-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-14 14:20:59

?: 8.0000 - 10.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Plasticizer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

### ACETYLTRIBUTYL CITRATE

ID: 77-90-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-09-14 14:22:01

%: 8.0000 - 15.0000      GS: LT-P1      RC: None      NANO: No      SUBSTANCE ROLE: Plasticizer

| HAZARD TYPE      | AGENCY AND LIST TITLES                      | WARNINGS                   |
|------------------|---------------------------------------------|----------------------------|
| MUL              | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| SUBSTANCE NOTES: |                                             |                            |

**DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC** ID: 64742-55-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2020-09-14 14:29:01

%: 1.0000 - 2.0000      GS: LT-1      RC: None      NANO: No      SUBSTANCE ROLE: Viscosity modifier

| HAZARD TYPE      | AGENCY AND LIST TITLES     | WARNINGS                                                                                       |
|------------------|----------------------------|------------------------------------------------------------------------------------------------|
| CAN              | EU - GHS (H-Statements)    | H350 - May cause cancer                                                                        |
| CAN              | EU - REACH Annex XVII CMRs | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| CAN              | EU - Annex VI CMRs         | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence                          |
| MUL              | ChemSec - SIN List         | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant                                           |
| CAN              | GHS - Australia            | H350 - May cause cancer                                                                        |
| SUBSTANCE NOTES: |                            |                                                                                                |

**TITANIUM DIOXIDE** ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2020-09-14 15:35:24

%: 0.5000 - 1.5000      GS: LT-1      RC: None      NANO: No      SUBSTANCE ROLE: Pigment

| HAZARD TYPE      | AGENCY AND LIST TITLES                | WARNINGS                                                                                             |
|------------------|---------------------------------------|------------------------------------------------------------------------------------------------------|
| CAN              | US CDC - Occupational Carcinogens     | Occupational Carcinogen                                                                              |
| CAN              | CA EPA - Prop 65                      | Carcinogen - specific to chemical form or exposure route                                             |
| CAN              | 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                     |
| SUBSTANCE NOTES: |                                       |                                                                                                      |

**EPOXIDIZED SOYBEAN OIL** ID: 8013-07-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2020-09-14 14:32:46

|                           |  |                                                |                 |                 |                                   |
|---------------------------|--|------------------------------------------------|-----------------|-----------------|-----------------------------------|
| %: <b>0.4000 - 0.8000</b> |  | GS: <b>LT-P1</b>                               | RC: <b>None</b> | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Stabilizer</b> |
| HAZARD TYPE               |  | AGENCY AND LIST TITLES                         |                 | WARNINGS        |                                   |
| None found                |  | No warnings found on HPD Priority Hazard Lists |                 |                 |                                   |
| SUBSTANCE NOTES:          |  |                                                |                 |                 |                                   |

**PHOSPHOROUS ACID, TRI-C12-14-ALKYL ESTERS**
ID: **93686-48-7**

|                                                                       |  |                                                   |  |                 |                 |                                   |
|-----------------------------------------------------------------------|--|---------------------------------------------------|--|-----------------|-----------------|-----------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |  | HAZARD SCREENING DATE: <b>2020-09-14 14:39:10</b> |  |                 |                 |                                   |
| %: <b>0.2000 - 0.6000</b>                                             |  | GS: <b>NoGS</b>                                   |  | RC: <b>None</b> | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Stabilizer</b> |
| HAZARD TYPE                                                           |  | AGENCY AND LIST TITLES                            |  | WARNINGS        |                 |                                   |
| None found                                                            |  | No warnings found on HPD Priority Hazard Lists    |  |                 |                 |                                   |
| SUBSTANCE NOTES:                                                      |  |                                                   |  |                 |                 |                                   |

**NEODECANOIC ACID, ZINC SALT (PRIMARY CASRN IS 27253-29-8)**
ID: **77739-72-1**

|                                                                       |                                             |                                                   |                            |                                   |
|-----------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------|----------------------------|-----------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                                             | HAZARD SCREENING DATE: <b>2020-09-14 14:40:19</b> |                            |                                   |
| %: <b>0.1000 - 0.3000</b>                                             | GS: <b>LT-P1</b>                            | RC: <b>None</b>                                   | NANO: <b>No</b>            | SUBSTANCE ROLE: <b>Stabilizer</b> |
| HAZARD TYPE                                                           | AGENCY AND LIST TITLES                      |                                                   | WARNINGS                   |                                   |
| MUL                                                                   | German FEA - Substances Hazardous to Waters |                                                   | Class 2 - Hazard to Waters |                                   |
| SUBSTANCE NOTES:                                                      |                                             |                                                   |                            |                                   |

**1,6-HEXANEDIOL DIACRYLATE**
ID: **13048-33-4**

|                                                                       |  |                                                   |  |                                                         |                 |                                |
|-----------------------------------------------------------------------|--|---------------------------------------------------|--|---------------------------------------------------------|-----------------|--------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |  | HAZARD SCREENING DATE: <b>2020-09-14 14:54:53</b> |  |                                                         |                 |                                |
| %: <b>0.1000 - 0.2000</b>                                             |  | GS: <b>LT-P1</b>                                  |  | RC: <b>None</b>                                         | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Coating</b> |
| HAZARD TYPE                                                           |  | AGENCY AND LIST TITLES                            |  | WARNINGS                                                |                 |                                |
| SKI                                                                   |  | MAK                                               |  | Sensitizing Substance Sh - Danger of skin sensitization |                 |                                |
| SKI                                                                   |  | EU - GHS (H-Statements)                           |  | H315 - Causes skin irritation                           |                 |                                |
| EYE                                                                   |  | EU - GHS (H-Statements)                           |  | H319 - Causes serious eye irritation                    |                 |                                |
| MUL                                                                   |  | German FEA - Substances Hazardous to Waters       |  | Class 2 - Hazard to Waters                              |                 |                                |
| SKI                                                                   |  | EU - GHS (H-Statements)                           |  | H317 - May cause an allergic skin reaction              |                 |                                |
| SUBSTANCE NOTES:                                                      |  |                                                   |  |                                                         |                 |                                |

**2-PROPENOIC ACID, (5-ETHYL-1,3-DIOXAN-5-YL)METHYL ESTER**
ID: **66492-51-1**

|                                                                       |                  |                                                   |                 |                                |
|-----------------------------------------------------------------------|------------------|---------------------------------------------------|-----------------|--------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                  | HAZARD SCREENING DATE: <b>2020-09-14 14:57:41</b> |                 |                                |
| %: <b>0.1000 - 0.2000</b>                                             | GS: <b>LT-P1</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Coating</b> |

| HAZARD TYPE      | AGENCY AND LIST TITLES                      | WARNINGS                   |
|------------------|---------------------------------------------|----------------------------|
| MUL              | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters |
| SUBSTANCE NOTES: |                                             |                            |

2-ETHYLHEXYL ACRYLATE

ID: 103-11-7

|                                                                       |                         |                                                         |                 |                                |
|-----------------------------------------------------------------------|-------------------------|---------------------------------------------------------|-----------------|--------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                         | HAZARD SCREENING DATE: <b>2020-09-14 15:02:39</b>       |                 |                                |
| %: <b>0.1000 - 0.2000</b>                                             | GS: <b>LT-UNK</b>       | RC: <b>None</b>                                         | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Coating</b> |
| HAZARD TYPE                                                           | AGENCY AND LIST TITLES  | WARNINGS                                                |                 |                                |
| SKI                                                                   | MAK                     | Sensitizing Substance Sh - Danger of skin sensitization |                 |                                |
| CAN                                                                   | IARC                    | Group 2b - Possibly carcinogenic to humans              |                 |                                |
| SKI                                                                   | EU - GHS (H-Statements) | H315 - Causes skin irritation                           |                 |                                |
| SKI                                                                   | EU - GHS (H-Statements) | H317 - May cause an allergic skin reaction              |                 |                                |
| SUBSTANCE NOTES:                                                      |                         |                                                         |                 |                                |

TRICYCLODECANEDIMETHANOL DIACRYLATE

ID: 42594-17-2

|                                                                       |                        |                                                   |                                                |                                |
|-----------------------------------------------------------------------|------------------------|---------------------------------------------------|------------------------------------------------|--------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                        | HAZARD SCREENING DATE: <b>2020-09-14 15:06:52</b> |                                                |                                |
| %: <b>0.1000 - 0.2000</b>                                             | GS: <b>NoGS</b>        | RC: <b>None</b>                                   | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Coating</b> |
| HAZARD TYPE                                                           | AGENCY AND LIST TITLES |                                                   | WARNINGS                                       |                                |
| None found                                                            |                        |                                                   | No warnings found on HPD Priority Hazard Lists |                                |
| SUBSTANCE NOTES:                                                      |                        |                                                   |                                                |                                |

ZINC BENZOATE

ID: 553-72-0

|                                                                       |                                             |                                                   |                            |                                   |
|-----------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------|----------------------------|-----------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                                             | HAZARD SCREENING DATE: <b>2020-09-14 14:41:09</b> |                            |                                   |
| %: <b>0.0300 - 0.0500</b>                                             | GS: <b>LT-P1</b>                            | RC: <b>None</b>                                   | NANO: <b>No</b>            | SUBSTANCE ROLE: <b>Stabilizer</b> |
| HAZARD TYPE                                                           | AGENCY AND LIST TITLES                      |                                                   | WARNINGS                   |                                   |
| MUL                                                                   | German FEA - Substances Hazardous to Waters |                                                   | Class 2 - Hazard to Waters |                                   |
| SUBSTANCE NOTES:                                                      |                                             |                                                   |                            |                                   |

ALUMINUM OXIDE

ID: 1344-28-1

|                                                                       |                 |                                                   |                 |                               |
|-----------------------------------------------------------------------|-----------------|---------------------------------------------------|-----------------|-------------------------------|
| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                 | HAZARD SCREENING DATE: <b>2020-09-14 14:37:21</b> |                 |                               |
| %: <b>0.0000 - 2.0000</b>                                             | GS: <b>BM-2</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Filler</b> |

| HAZARD TYPE      | AGENCY AND LIST TITLES | WARNINGS                            |
|------------------|------------------------|-------------------------------------|
| RES              | AOEC - Asthmagens      | Asthmagen (Rs) - sensitizer-induced |
| 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<br>APPLICABLE FACILITIES: Debolon Dessauer<br>Bodenbelage GmbH & Co Ebertalle 209,06646 Dessau<br>CERTIFICATE URL:<br><a href="https://www.altrofloors.com/Welcome-to-Altro/Promise/Performance/Altro-s-Sustainability-Promise">https://www.altrofloors.com/Welcome-to-Altro/Promise/Performance/Altro-s-Sustainability-Promise</a><br>CERTIFICATION AND COMPLIANCE NOTES: | ISSUE DATE: 2021-05-01 | EXPIRY DATE: 2022-04-30 | CERTIFIER OR LAB: SCS Global Services |

## 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 contains conventional products that are installed with an adhesive and two products (Altro Cantata and Altro Wood - adhesive free) that are loose laid using double sided tape. For more information please visit [www.altro.com](http://www.altro.com).

## MANUFACTURER INFORMATION

**MANUFACTURER:** Altro Ltd  
**ADDRESS:** Altro  
 Works Road  
 Letchworth Garden City Herts SG52JQ, United Kingdom  
**WEBSITE:** [www.altro.com](http://www.altro.com)

**CONTACT NAME:** Tracy Perry  
**TITLE:** Innovation & NPD Manager  
**PHONE:** 07984886563  
**EMAIL:** [tracyperry220@gmail.com](mailto:tracyperry220@gmail.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-1</b> List Translator 1 (Likely Benchmark-1)                                                                                                                                                                             |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.) |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      |                                                                                                                                                                                                                                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          |                                                                                                                                                                                                                                |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                                                                                                                                                                                |
| <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)      | <b>NoGS</b> No GreenScreen.                                                                                                                                                                                                    |

### Recycled Types

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

### Other Terms:

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

### Inventory Methods:

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

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

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

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

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

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

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