

HPD UNIQUE IDENTIFIER: 1289108480

CLASSIFICATION: 09 30 00 Tiling

PRODUCT DESCRIPTION: ISOMAT AK-RAPID FLEX is a high performance, fast-setting, polymer-modified, cement-based tile adhesive with no vertical slip. Provides high initial and final adhesion strength, moisture resistance and flexibility. Certified according to EN 12004 and classified as type C2 FT S1 adhesive. CE marked.

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 checked="" 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 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 type="radio"/> Yes <input checked="" 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

**ISOMAT AK RAPID FLEX** [ **CALCIUM CARBONATE (PRIMARY CASRN IS 471-34-1)** **BM-3** | **EYE PORTLAND CEMENT** **LT-P1** | CAN | END | MAM **UNDISCLOSED** **LT-UNK** | **UNDISCLOSED** **LT-UNK** | **CALCIUM SULFATE** **LT-UNK** | MAM **UNDISCLOSED** **BM-3** | **KAOLIN** **LT-UNK** | CAN **UNDISCLOSED** **LT-UNK** | **UNDISCLOSED** **LT-UNK** | **UNDISCLOSED** **BM-2** | **UNDISCLOSED** **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:**

This HPD was created with Basic Inventory. Materials listed as Undisclosed in Section 2 is done to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards of these components.

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: Emicode EC1 PLUS- very low emission

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: 2024-07-19 |
| <input type="radio"/> Yes           | VERIFIER:               | PUBLISHED DATE: 2024-07-21 |
| <input checked="" type="radio"/> No | VERIFICATION #:         | EXPIRY DATE: 2027-07-19    |

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)

ISOMAT AK RAPID FLEX

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are expected to be present in the product at or above the reporting threshold.

OTHER PRODUCT NOTES: See Safety Data Sheet for occupational exposure information.

CALCIUM CARBONATE (PRIMARY CASRN IS 471-34-1)

ID: 114453-69-9

|                                                                                                                                                                                                                                                                 |                          |                |                                                  |                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------|--------------------------------------------------|-------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                |                          |                | HAZARD SCREENING DATE: <b>2024-07-19 5:29:58</b> |                               |
| %: <b>50.0000 - 70.0000</b>                                                                                                                                                                                                                                     | GreenScreen: <b>BM-3</b> | RC: <b>UNK</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Filler</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: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards. |                          |                |                                                  |                               |

PORTLAND CEMENT

ID: 65997-15-1

|                                                           |                                       |                                                                                                                                                           |                                           |                        |
|-----------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                       |                                                                                                                                                           | HAZARD SCREENING DATE: 2024-07-19 5:29:58 |                        |
| %: 1.0000 - 30.0000                                       | GreenScreen: LT-P1                    | RC: UNK                                                                                                                                                   | NANO: Unknown                             | SUBSTANCE ROLE: Binder |
| HAZARD TYPE                                               | LIST NAME AND SOURCE                  | WARNINGS                                                                                                                                                  |                                           |                        |
| CAN                                                       | MAK                                   | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification                                                              |                                           |                        |
| END                                                       | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor                                                                                                                             |                                           |                        |
| 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                                                                                                                                              |                                           |                        |
| None found                                                |                                       | No listings found on Additional Hazard Lists                                                                                                              |                                           |                        |

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

UNDISCLOSED

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2024-07-19 5:29:59**

%: **0.1000 - 5.0000**

GreenScreen: **LT-UNK**

RC: **UNK**

NANO: **Unknown**

SUBSTANCE ROLE: **Processing regulator**

| 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: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

UNDISCLOSED

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2024-07-19 5:29:59**

%: **1.0000 - 5.0000**

GreenScreen: **LT-UNK**

RC: **UNK**

NANO: **Unknown**

SUBSTANCE ROLE: **Processing regulator**

| 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: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

CALCIUM SULFATE

ID: **7778-18-9**

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

HAZARD SCREENING DATE: **2024-07-19 5:29:59**

%: **1.0000 - 5.0000**

GreenScreen: **LT-UNK**

RC: **UNK**

NANO: **Unknown**

SUBSTANCE ROLE: **Binder**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS                                                                                                |
|-------------|----------------------|---------------------------------------------------------------------------------------------------------|
| MAM         | GHS - Japan          | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3] |

| ADDITIONAL LISTINGS                                                                                                                                                                                                                                             | LIST NAME AND SOURCE | NOTIFICATION                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------|
| None found                                                                                                                                                                                                                                                      |                      | No listings found on Additional Hazard Lists |
| SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards. |                      |                                              |

UNDISCLOSED

ID: Undisclosed

|                                                                                                                                                                                                                                                                 |                          |                |                                                  |                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------|--------------------------------------------------|-------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                |                          |                | HAZARD SCREENING DATE: <b>2024-07-19 5:29:59</b> |                                           |
| %: <b>0.0000 - 5.0000</b>                                                                                                                                                                                                                                       | GreenScreen: <b>BM-3</b> | RC: <b>UNK</b> | NANO: <b>Unknown</b>                             | SUBSTANCE ROLE: <b>Viscosity modifier</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: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards. |                          |                |                                                  |                                           |

KAOLIN

ID: 1332-58-7

|                                                                                                                                                                                                                                                                 |                            |                                                                                              |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                |                            | HAZARD SCREENING DATE: <b>2024-07-19 5:29:59</b>                                             |                                                                |
| %: <b>0.0000 - 5.0000</b>                                                                                                                                                                                                                                       | GreenScreen: <b>LT-UNK</b> | RC: <b>UNK</b>                                                                               | NANO: <b>Unknown</b> SUBSTANCE ROLE: <b>Viscosity modifier</b> |
| HAZARD TYPE                                                                                                                                                                                                                                                     | LIST NAME AND SOURCE       | WARNINGS                                                                                     |                                                                |
| CAN                                                                                                                                                                                                                                                             | MAK                        | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |                                                                |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                                             | LIST NAME AND SOURCE       | NOTIFICATION                                                                                 |                                                                |
| None found                                                                                                                                                                                                                                                      |                            | No listings found on Additional Hazard Lists                                                 |                                                                |
| SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards. |                            |                                                                                              |                                                                |

UNDISCLOSED

ID: Undisclosed

|                                                           |                      |                                                |                                                  |
|-----------------------------------------------------------|----------------------|------------------------------------------------|--------------------------------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      | HAZARD SCREENING DATE: 2024-07-19 5:29:59      |                                                  |
| %: 0.0000 - 5.0000                                        | GreenScreen: LT-UNK  | RC: UNK                                        | NANO: Unknown SUBSTANCE ROLE: Viscosity modifier |
| 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: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards. |                      |                                              |

|                                                                                                                                                                                                                                                                 |                      |         |                                                |                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------|------------------------------------------------|------------------------|
| UNDISCLOSED                                                                                                                                                                                                                                                     |                      |         |                                                | ID: Undisclosed        |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                                                                                                                                                                                       |                      |         | HAZARD SCREENING DATE: 2024-07-19 5:29:59      |                        |
| %: 0.0000 - 3.0000                                                                                                                                                                                                                                              | GreenScreen: LT-UNK  | RC: UNK | NANO: Unknown                                  | SUBSTANCE ROLE: Binder |
| 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: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards. |                      |         |                                                |                        |

|                                                                                                                                                                                                                                                                 |                          |                |                                                  |                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------|--------------------------------------------------|----------------------------------|
| UNDISCLOSED                                                                                                                                                                                                                                                     |                          |                |                                                  | ID: Undisclosed                  |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                                                |                          |                | HAZARD SCREENING DATE: <b>2024-07-19 5:29:59</b> |                                  |
| %: <b>0.0000 - 1.0000</b>                                                                                                                                                                                                                                       | GreenScreen: <b>BM-2</b> | RC: <b>UNK</b> | NANO: <b>Unknown</b>                             | SUBSTANCE ROLE: <b>Humectant</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: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards. |                          |                |                                                  |                                  |

|                                                           |                      |                                                |                                         |
|-----------------------------------------------------------|----------------------|------------------------------------------------|-----------------------------------------|
| UNDISCLOSED                                               |                      | ID: Undisclosed                                |                                         |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                      | HAZARD SCREENING DATE: 2024-07-19 5:30:00      |                                         |
| %: 0.0000 - 1.0000                                        | GreenScreen: LT-UNK  | RC: UNK                                        | NANO: Unknown SUBSTANCE ROLE: Humectant |
| HAZARD TYPE                                               | LIST NAME AND SOURCE | WARNINGS                                       |                                         |
| None found                                                |                      | No warnings found on HPD Priority Hazard Lists |                                         |

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

### 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                                                                                             | Emicode EC1 PLUS- very low emission |                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------|
| CERTIFYING PARTY: Third Party                                                                             | ISSUE DATE: 2022-08-02 00:00:00     | CERTIFIER OR LAB: GEV –                                                                                          |
| APPLICABLE FACILITIES: Agios Athanasios, Thessaloniki, Greece                                             | EXPIRY DATE: 2027-08-02 00:00:00    | Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials |
| CERTIFICATE URL:                                                                                          |                                     |                                                                                                                  |
| CERTIFICATION AND COMPLIANCE NOTES: Meets LEED V4 Credit "Low Emitting Materials" Emissions Requirements. |                                     |                                                                                                                  |

### 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

The content of this product was assessed for health hazard warnings using PHAROS. To the best of our knowledge, ISOMAT AK RAPID FLEX does not contain the following: •Alkylphenols •Asbestos •Bisphenol A (BPA) •Cadmium •Chlorinated Polyethylene & Chlorosulfonated Polyethylene •Chlorobenzenes •Chlorofluorocarbons (CFCs) & Hydrochlorofluorocarbons (HCFCs) •Chloroprene (Neoprene) •Chlorinated Polyvinyl Chloride (CPVC)•Halogenated Flame Retardants (HFRs) •Lead (added) •Mercury •Polychlorinated Biphenyls (PCBs) •Perfluorinated Compounds (PFCs) •Phthalates •Polyvinyl Chloride (PVC) •Polyvinylidene Chloride (PVDC) •Short Chain Chlorinated Paraffins •Wood treatments containing Creosote, Arsenic or Pentachlorophenol

## MANUFACTURER INFORMATION

MANUFACTURER: **ISOMAT S.A.**  
ADDRESS: **17 KM THES/NIKIS - AG.ATHANASIOS**  
**THESSALONIKI, CENTRAL MACEDONIA 57003**  
COUNTRY: **GREECE**

WEBSITE: **ISOMAT S.A.**  
CONTACT NAME: **STAVROS MOSCHIDIS**  
TITLE: **REGULATORY AFFAIRS MANAGER**  
PHONE: **+302310576000**  
EMAIL: **s.moschidis@isomat.gr**

*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*

