

HPD UNIQUE IDENTIFIER: 1537580292096

CLASSIFICATION: 07 22 00 Roof and Deck Insulation

PRODUCT DESCRIPTION: EnergyGuard™ Polyiso Insulation board is made of glass fiber reinforced cellulosic felt facers bonded to a core of isocyanurate foam. This HPD covers all GAF EnergyGuard™ Polyiso products (flat and tapered boards; all thicknesses).

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

| Inventory Reporting Format                    | Threshold Level                            | Residuals/Impurities Evaluation                               | <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 checked="" type="radio"/> Yes <input 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> |
|-----------------------------------------------|--------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="radio"/> Nested Materials Method | <input type="radio"/> 100 ppm              | <input type="radio"/> Completed                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input checked="" type="radio"/> Basic Method | <input checked="" type="radio"/> 1,000 ppm | <input type="radio"/> Partially Completed                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Threshold Disclosed Per</b>                | <input type="radio"/> Per GHS SDS          | <input checked="" type="radio"/> Not Completed                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input type="radio"/> Material                | <input type="radio"/> Other                | <b>Explanation(s) provided :</b>                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <input checked="" type="radio"/> Product      |                                            | <input checked="" type="radio"/> Yes <input type="radio"/> No |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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

**ENERGYGUARD™ POLYISO INSULATION** [ **POLYISOCYANURATE FOAM** **NoGS** **CELLULOSE FIBER** **LT-UNK** **GLASS FIBER** **LT-UNK** **ISO-PENTANE** **LT-P1** | MUL | AQU | PHY | MAM | EYE **N-PENTANE** **LT-P1** | MUL | PHY | AQU | MAM | EYE **OCTANOIC ACID, POTASSIUM SALT** **LT-UNK** **1,2-PROPANEDIOL, POLYMER WITH ETHYLOXIRANE AND OXIRANE, POTASSIUM SALT** **NoGS** **PENTAMETHYLDIETHYLENETRIAMINE** **LT-P1** | MUL | SKI | MAM | EYE **UNDISCLOSED** **LT-UNK** | MUL ]

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

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

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

This HPD is identified as "No" because a proprietary substance in this product is not disclosed.

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**

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

|                                     |                         |                            |
|-------------------------------------|-------------------------|----------------------------|
| Third Party Verified?               | PREPARER: Self-Prepared | SCREENING DATE: 2024-06-12 |
| <input type="radio"/> Yes           | VERIFIER:               | PUBLISHED DATE: 2024-06-20 |
| <input checked="" type="radio"/> No | VERIFICATION #:         | EXPIRY DATE: 2027-06-12    |

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

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

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

ENERGYGUARD™ POLYISO INSULATION

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were not considered.

OTHER PRODUCT NOTES:

POLYISOCYANURATE FOAM

ID: 27026-93-3

|                                                                  |                          |                 |                                                   |                                  |
|------------------------------------------------------------------|--------------------------|-----------------|---------------------------------------------------|----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          |                 | HAZARD SCREENING DATE: <b>2024-06-12 13:36:56</b> |                                  |
| %: <b>45.0000 - 65.0000</b>                                      | GreenScreen: <b>NoGS</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Insulator</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:                                                 |                          |                 |                                                   |                                  |

CELLULOSE FIBER

ID: 9004-34-6

|                                                                  |                            |                 |                                                   |                                            |  |
|------------------------------------------------------------------|----------------------------|-----------------|---------------------------------------------------|--------------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2024-06-12 13:36:56</b> |                                            |  |
| %: <b>25.0000 - 45.0000</b>                                      | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Abrasion resistance</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:                                                 |                            |                 |                                                   |                                            |  |

GLASS FIBER

ID: 65997-17-3

|                                                           |                     |          |                                            |                                     |  |
|-----------------------------------------------------------|---------------------|----------|--------------------------------------------|-------------------------------------|--|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                     |          | HAZARD SCREENING DATE: 2024-06-12 13:36:56 |                                     |  |
| %: 5.0000 - 15.0000                                       | GreenScreen: LT-UNK | RC: None | NANO: No                                   | SUBSTANCE ROLE: Abrasion resistance |  |

| HAZARD TYPE         | LIST NAME AND SOURCE                         | WARNINGS                                                                                 |
|---------------------|----------------------------------------------|------------------------------------------------------------------------------------------|
| None found          |                                              | No warnings found on HPD Priority Hazard Lists                                           |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                         | NOTIFICATION                                                                             |
| EXEMPT              | European Union / European Commission (EU EC) | EU - REACH Exemptions<br><br>Exempted from REACH Annex V listing due to intrinsic safety |
| SUBSTANCE NOTES:    |                                              |                                                                                          |

ISO-PENTANE

ID: 78-78-4

|                                                                  |                                             |                 |                                                                                                                      |                                      |  |
|------------------------------------------------------------------|---------------------------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                                             |                 | HAZARD SCREENING DATE: <b>2024-06-12 13:36:57</b>                                                                    |                                      |  |
| %: <b>0.0010 - 6.0000</b>                                        | GreenScreen: <b>LT-P1</b>                   | RC: <b>None</b> | NANO: <b>No</b>                                                                                                      | SUBSTANCE ROLE: <b>Blowing agent</b> |  |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE                        |                 | WARNINGS                                                                                                             |                                      |  |
| MUL                                                              | German FEA - Substances Hazardous to Waters |                 | Class 3 - Severe Hazard to Waters                                                                                    |                                      |  |
| AQU                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1   |                 | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |                                      |  |
| PHY                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1   |                 | H224 - Extremely flammable liquid and vapour [Flammable liquids - Category 1]                                        |                                      |  |
| MAM                                                              | GHS - Japan                                 |                 | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]              |                                      |  |
| EYE                                                              | GHS - New Zealand                           |                 | Eye irritation category 2                                                                                            |                                      |  |
| AQU                                                              | GHS - Australia                             |                 | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |                                      |  |
| AQU                                                              | GHS - Japan                                 |                 | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]                             |                                      |  |
| PHY                                                              | GHS - New Zealand                           |                 | Flammable liquids category 1                                                                                         |                                      |  |
| PHY                                                              | GHS - Japan                                 |                 | H224 - Extremely flammable liquid and vapour [Flammable liquids - Category 1]                                        |                                      |  |
| PHY                                                              | GHS - Australia                             |                 | H224 - Extremely flammable liquid and vapour [Flammable liquids - Category 1]                                        |                                      |  |
| MAM                                                              | EU - GHS (H-Statements) Annex 6 Table 3-1   |                 | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                                 |                                      |  |
| MAM                                                              | GHS - Australia                             |                 | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                                 |                                      |  |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE                        |                 | NOTIFICATION                                                                                                         |                                      |  |
| RESTRICTED LIST                                                  | Green Science Policy Institute (GSPI)       |                 | GSPI - Six Classes Precautionary List                                                                                |                                      |  |
|                                                                  |                                             |                 | Some Solvents                                                                                                        |                                      |  |

SUBSTANCE NOTES:

N-PENTANE

ID: 109-66-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-06-12 13:36:57

%: 0.0010 - 6.0000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Blowing agent

| HAZARD TYPE | LIST NAME AND SOURCE                        | WARNINGS                                                                                                             |
|-------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| MUL         | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters                                                                                    |
| PHY         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                           |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |
| MAM         | GHS - Japan                                 | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]              |
| EYE         | GHS - New Zealand                           | Eye irritation category 2                                                                                            |
| AQU         | GHS - Australia                             | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |
| AQU         | GHS - Japan                                 | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]                             |
| PHY         | GHS - New Zealand                           | Flammable liquids category 2                                                                                         |
| PHY         | GHS - Japan                                 | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                           |
| PHY         | GHS - Malaysia                              | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                           |
| PHY         | GHS - Australia                             | H225 - Highly flammable liquid and vapour [Flammable liquids - Category 2]                                           |
| AQU         | GHS - Malaysia                              | H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2] |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                                 |
| MAM         | GHS - Malaysia                              | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                                 |
| MAM         | GHS - Australia                             | H304 - May be fatal if swallowed and enters airways [Aspiration hazard - Category 1]                                 |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                  | NOTIFICATION                                               |
|---------------------|---------------------------------------|------------------------------------------------------------|
| RESTRICTED LIST     | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List<br><br>Some Solvents |
| SUBSTANCE NOTES:    |                                       |                                                            |

OCTANOIC ACID, POTASSIUM SALT

ID: 764-71-6

|                                                                  |                            |                                                   |                 |                                 |
|------------------------------------------------------------------|----------------------------|---------------------------------------------------|-----------------|---------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2024-06-12 13:36:56</b> |                 |                                 |
| %: <b>0.0010 - 6.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                   | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Catalyst</b> |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       | WARNINGS                                          |                 |                                 |
| None found                                                       |                            | No warnings found on HPD Priority Hazard Lists    |                 |                                 |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       | NOTIFICATION                                      |                 |                                 |
| None found                                                       |                            | No listings found on Additional Hazard Lists      |                 |                                 |
| SUBSTANCE NOTES:                                                 |                            |                                                   |                 |                                 |

1,2-PROPANEDIOL, POLYMER WITH ETHYLOXIRANE AND OXIRANE, POTASSIUM SALT

ID: 134737-27-2

|                                                                  |                          |                                                   |                                                |                                   |
|------------------------------------------------------------------|--------------------------|---------------------------------------------------|------------------------------------------------|-----------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2024-06-12 13:36:57</b> |                                                |                                   |
| %: <b>0.0010 - 4.0000</b>                                        | GreenScreen: <b>NoGS</b> | RC: <b>None</b>                                   | NANO: <b>No</b>                                | SUBSTANCE ROLE: <b>Surfactant</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:                                                 |                          |                                                   |                                                |                                   |

PENTAMETHYLDIETHYLENETRIAMINE

ID: 3030-47-5

|                                                           |                    |                                            |          |                          |
|-----------------------------------------------------------|--------------------|--------------------------------------------|----------|--------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                    | HAZARD SCREENING DATE: 2024-06-12 13:36:57 |          |                          |
| %: 0.0010 - 4.0000                                        | GreenScreen: LT-P1 | RC: None                                   | NANO: No | SUBSTANCE ROLE: Catalyst |

| HAZARD TYPE         | LIST NAME AND SOURCE                        | WARNINGS                                                                                             |
|---------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------|
| MUL                 | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters                                                                    |
| SKI                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C] |
| MAM                 | EU - GHS (H-Statements) Annex 6 Table 3-1   | H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]                             |
| EYE                 | GHS - New Zealand                           | Serious eye damage category 1                                                                        |
| SKI                 | GHS - Australia                             | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C] |
| SKI                 | GHS - New Zealand                           | Skin corrosion category 1B                                                                           |
| MAM                 | GHS - Japan                                 | H311 - Toxic in contact with skin [Acute Toxicity (dermal) - Category 3]                             |
| MAM                 | GHS - Australia                             | H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]                             |
| MAM                 | GHS - New Zealand                           | Acute dermal toxicity category 3                                                                     |
| MAM                 | GHS - New Zealand                           | Acute oral toxicity category 3                                                                       |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                        | NOTIFICATION                                                                                         |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)       | GSPI - Six Classes Precautionary List<br><br>Some Solvents                                           |
| SUBSTANCE NOTES:    |                                             |                                                                                                      |

|                                                              |                                             |              |                                              |                          |  |
|--------------------------------------------------------------|---------------------------------------------|--------------|----------------------------------------------|--------------------------|--|
| UNDISCLOSED                                                  |                                             |              |                                              | ID: Undisclosed          |  |
| HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library |                                             |              | HAZARD SCREENING DATE: 2024-06-12 13:31:13   |                          |  |
| %: 0.0010 - 4.0000                                           | GreenScreen: LT-UNK                         | RC: None     | NANO: No                                     | SUBSTANCE ROLE: Catalyst |  |
| HAZARD TYPE                                                  | LIST NAME AND SOURCE                        | WARNINGS     |                                              |                          |  |
| MUL                                                          | German FEA - Substances Hazardous to Waters | Mult*        |                                              |                          |  |
| ADDITIONAL LISTINGS                                          | LIST NAME AND SOURCE                        | NOTIFICATION |                                              |                          |  |
| None found                                                   |                                             |              | No listings found on Additional Hazard Lists |                          |  |
| SUBSTANCE NOTES:                                             |                                             |              |                                              |                          |  |

### Section 3: Certifications and Compliance

*This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.*

| VOC EMISSIONS                                              | UL/GreenGuard Gold Certified    |                      |
|------------------------------------------------------------|---------------------------------|----------------------|
| CERTIFYING PARTY: Third Party                              | ISSUE DATE: 2022-01-26 00:00:00 | CERTIFIER OR LAB: UL |
| APPLICABLE FACILITIES: All polyiso manufacturing locations | EXPIRY DATE:                    |                      |
| CERTIFICATE URL:                                           |                                 |                      |
| CERTIFICATION AND COMPLIANCE NOTES:                        |                                 |                      |

### Section 4: Accessories

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

No accessories are required for this product.

### Section 5: General Notes

This HPD covers all EnergyGuard™ Polyiso Insulation (flat and tapered boards; all thicknesses).

## MANUFACTURER INFORMATION

MANUFACTURER: **GAF**  
ADDRESS: **1 Campus Drive**  
**Parsippany, NJ 07054**  
COUNTRY: **USA**

WEBSITE: **www.gaf.com**  
CONTACT NAME: **Aly Perez**  
TITLE: **Sr. Product Sustainability Specialist**  
PHONE: **973-385-8108**  
EMAIL: **alyson.perez@gaf.com**

*The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.*

## KEY

## Hazard Types

|                                       |                                                   |                                                      |
|---------------------------------------|---------------------------------------------------|------------------------------------------------------|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <b>RES</b> Respiratory sensitization                 |
| <b>END</b> Endocrine activity         | <b>NEU</b> Neurotoxicity                          | <b>SKI</b> Skin sensitization/irritation/corrosivity |
| <b>EYE</b> Eye irritation/corrosivity | <b>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |                                                      |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |                                                      |

## GreenScreen (GS)

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

## Recycled Types

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

## Other Terms:

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

## Inventory Methods:

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

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

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

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

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

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

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

