

HPD UNIQUE IDENTIFIER: 231206203392

CLASSIFICATION: 07 24 16 Polymer-Modified Exterior Insulation and Finish System

PRODUCT DESCRIPTION: Henry DB50 and DB100 are water retention and drainage composites. These composites consist of a high-strength dimpled water-retention polymeric core laminated with a topsoil filter fabric and bottom protection fabric. The bottom fabric layer provides cushioning properties, offering protection to the underlying waterproofing membrane. Cups or 'dimples' in the core offer water storage capacity for vegetation layer between rain events, with overflow drainage once the 'dimple' storage capacity is reached.

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 checked="" 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 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 checked="" type="radio"/> Yes <input type="radio"/> No    |
|                                               |                                          |                                                               | <i>Provided name and CAS RN or other identifier.</i>                               |

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY  
GREENSCREEN SCORE | HAZARD TYPE  
HENRY DB50 / DB100 [ POLYSTYRENE LT-UNK POLYPROPYLENE  
LT-UNK ]

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:**

Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 100 ppm] threshold to act as antimicrobials.

No additional inventory and screening notes.

**PFAS DETAILS:**

This product does **not** contain intentionally added PFAS and materials and substances from suppliers are verified to **not** contain PFAS.

**Attestation:**

Whitney Randall

2025-06-17

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: Self-declared

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4 Option 2.

Pre-checked for LEED v4.1 Option 1.

|                                     |                         |                            |
|-------------------------------------|-------------------------|----------------------------|
| Third Party Verified?               | PREPARER: Self-Prepared | SCREENING DATE: 2025-06-17 |
| <input type="radio"/> Yes           | VERIFIER:               | PUBLISHED DATE: 2025-06-17 |
| <input checked="" type="radio"/> No | VERIFICATION #:         | EXPIRY DATE: 2028-06-17    |

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)

HENRY DB50 / DB100

PRODUCT THRESHOLD: 100 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Impurities and residuals considered

OTHER PRODUCT NOTES: None

POLYSTYRENE ID: 9003-53-6

|                                                                  |                            |                  |                                                            |                                            |  |
|------------------------------------------------------------------|----------------------------|------------------|------------------------------------------------------------|--------------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                  | HAZARD SCREENING DATE: <b>2025-06-17 13:57:43</b>          |                                            |  |
| %: <b>95.0000 - 99.0000</b>                                      | GreenScreen: <b>LT-UNK</b> | RC: <b>PostC</b> | NANO: <b>No</b>                                            | SUBSTANCE ROLE: <b>Structure component</b> |  |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       |                  | WARNINGS                                                   |                                            |  |
| None found                                                       |                            |                  | No warnings found on HPD Priority Hazard Lists             |                                            |  |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       |                  | NOTIFICATION                                               |                                            |  |
| RESTRICTED LIST                                                  | Perkins+Will (P+W)         |                  | P&W - Precautionary List                                   |                                            |  |
|                                                                  |                            |                  | Precautionary list of substances recommended for avoidance |                                            |  |
| SUBSTANCE NOTES: Contains a minimum of 66% recycled content.     |                            |                  |                                                            |                                            |  |

SUBSTANCE NOTES: Contains a minimum of 66% recycled content.

POLYPROPYLENE ID: 9003-07-0

|                                                                  |                            |                 |                                                   |                                            |  |
|------------------------------------------------------------------|----------------------------|-----------------|---------------------------------------------------|--------------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2025-06-17 13:57:44</b> |                                            |  |
| %: <b>5.0000 - 8.0000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Structure component</b> |  |
| HAZARD TYPE                                                      | LIST NAME AND SOURCE       |                 | WARNINGS                                          |                                            |  |
| None found                                                       |                            |                 | No warnings found on HPD Priority Hazard Lists    |                                            |  |
| ADDITIONAL LISTINGS                                              | LIST NAME AND SOURCE       |                 | NOTIFICATION                                      |                                            |  |
| None found                                                       |                            |                 | No listings found on Additional Hazard Lists      |                                            |  |

SUBSTANCE NOTES: No additional notes to add regarding substances.



## 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                                                  | Self-declared                   |                         |
|----------------------------------------------------------------|---------------------------------|-------------------------|
| CERTIFYING PARTY: Self-declared                                | ISSUE DATE: 2019-10-08 00:00:00 | CERTIFIER OR LAB: Henry |
| APPLICABLE FACILITIES: All                                     | EXPIRY DATE:                    | Company                 |
| CERTIFICATE URL:                                               |                                 |                         |
| CERTIFICATION AND COMPLIANCE NOTES: Exterior use only product. |                                 |                         |

## 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.*

|                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ROOT BLOC 20</b>                                                                                                                                          |
| MANUFACTURER (OR GENERIC): <b>Henry Company LLC</b>                                                                                                          |
| HPD URL: <a href="https://builder.hpd-collaborative.org/actions/builder/product/6643">https://builder.hpd-collaborative.org/actions/builder/product/6643</a> |
| ACCESSORY TYPE: Installation Accessory                                                                                                                       |
| CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Used as an added layer of protection in roof assembly                                             |

## Section 5: General Notes

No additional general notes to be added for this product.

MANUFACTURER INFORMATION

MANUFACTURER: **Henry Company**  
ADDRESS: **336 Cold Stream Rd**  
**Kimberton, PA 19460**  
COUNTRY: **USA**

WEBSITE: **www.henry.com**  
CONTACT NAME: **Whitney Randall**  
TITLE: **Director, Regulatory Compliance Systems**  
PHONE: **484-557-1247**  
EMAIL: **wrandall@henry.com**

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

KEY

Hazard Types

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

GreenScreen (GS)

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

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

Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

Other Terms:

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

Inventory Methods:

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | Substances listed individually per threshold indicated per product          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | 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*

