**Section 1: Summary**

**CONTENT INVENTORY**

<table>
<thead>
<tr>
<th>Threshold per material</th>
<th>Residuals and impurities considered in 1 of 1 materials</th>
<th>Material Notes</th>
<th>General Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ppm</td>
<td>see Section 2:</td>
<td>see Section 5:</td>
<td></td>
</tr>
<tr>
<td>1,000 ppm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Per GHS SDS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Per OSHA MSDS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Based on the selected Content Inventory Threshold:

- Characterized....................................................
- Are the Percent Weight and Role provided for all substances? Yes No
- Screened...........................................................
- Are all substances screened using Priority Hazard Lists with results disclosed? Yes No
- Identified......................................................
- Are all substances disclosed by Name (Specific or Generic) and Identifier? Yes 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.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SUBSTANCE</th>
<th>RESIDUAL OR IMPURITY</th>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRAINAGE COMPOSITES</td>
<td>POLYSTYRENE</td>
<td>LT-UNK</td>
<td>POLYPROPYLENE</td>
<td>LT-UNK</td>
</tr>
</tbody>
</table>

- **Number of Greenscreen BM-4/BM3 contents** 0
- **Contents highest concern**
  - GreenScreen Benchmark or List translator Score.............. LT-UNK
  - Nanomaterial............. No

**INVENTORY AND SCREENING NOTES:**

VOC Content data is not applicable for this product category.

**CERTIFICATIONS AND COMPLIANCE**

No certifications have been added to this HPD.

- **VERIFIER:**
  - SCREENING DATE: January 29, 2017
  - RELEASE DATE: January 29, 2017
  - EXPIRY DATE*: January 29, 2020

*See HPDC website for details
**Section 2: Content in Descending Order of Quantity**

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

<table>
<thead>
<tr>
<th>Material Notes:</th>
<th>POLYSTYRENE</th>
<th>ID: 9003-53-6</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 90.0000 - 95.0000</td>
<td>ID: 9003-53-6</td>
<td></td>
</tr>
<tr>
<td>GS: LT-UNK</td>
<td>RC: None</td>
<td></td>
</tr>
<tr>
<td>NANO: NO</td>
<td>ROLE: Polymer composite</td>
<td></td>
</tr>
</tbody>
</table>

**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**

<table>
<thead>
<tr>
<th>Material Notes:</th>
<th>POLYPROPYLENE</th>
<th>ID: 9003-07-0</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 5.0000 - 10.0000</td>
<td>ID: 9003-07-0</td>
<td></td>
</tr>
<tr>
<td>GS: LT-UNK</td>
<td>RC: None</td>
<td></td>
</tr>
<tr>
<td>NANO: NO</td>
<td>ROLE: Reinforcement</td>
<td></td>
</tr>
</tbody>
</table>

**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority 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.

**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.
MANUFACTURER INFORMATION

MANUFACTURER: Henry Company
ADDRESS: 999 N. Sepulveda Blvd.
        Suite 800
        El Segundo, CA 90245
        USA
WEBSITE: www.henry.com

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

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS   Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types
AQU Aquatic toxicity                          GLO Global warming
CAN Cancer                                     MAM Mammalian/systemic/organ toxicity
DEV Developmental toxicity                    PHY Physical Hazard (reactive)
END Endocrine activity                         REP Reproductive toxicity
EYE Eye irritation/corrosivity                  RES Respiratory sensitization
GEN Gene mutation                               SKI Skin sensitization/irritation/corrosivity
                                                LAN Land Toxicity
                                                NF Not found on Priority Hazard Lists
                                                NEU Neurotoxicity
                                                MAM Mammalian/systemic/organ toxicity
                                                MUL Multiple hazards
                                                OZO Ozone depletion
                                                PBT Persistent Bioaccumulative Toxic

GreenScreen (GS)
BM-4 Benchmark 4 (prefer-safer chemical)       LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2
        Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspecified (insufficient data to benchmark)

Recycled Types
PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other
Nano Composed of nanoscale particles or nanotechnology

Declaration Level
Self-declared Manufacturer's self-declaration (First Party)
Independent Lab Manufacturer's self-declaration using results from an independent lab
Second Party Verification by trade association or other interested party
Third Party Verification by independent certifier
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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

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

A disclosure completed in compliance with the HPD Open Standard is referred to as a “Health Product Declaration,” or “HPD.” The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD Open Standard noted.