Section 1: Summary

Based on the selected Content Inventory Threshold:

Characterized.................................................... Yes No

Are the Percent Weight and Role provided for all substances? Yes No

Screened........................................................... Yes No

Are all substances screened using Priority Hazard Lists with results disclosed? Yes No

Identified.......................................................... Yes No

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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY |
--- | --- | --- |
CLEAR ROOF PATCH | XYLENES | BM-1 |
 | | MAN |
 | | | SKI |
 | | | END |
 | | | MUL |
 | | HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED | LT-UNK |
 | | | BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE, HYDROGENATED | LT-UNK |
 | | RES | FUMED SILICA, CRYSTALLINE-FREE |
 | BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDINYL) SEBACATE | LT-P1 |
 | | | MUL |
 | PHENOL | LT-P1 |
 | | PBT |
 | ETHYL BENZENE | LT-1 |
 | MAN | CAN |
 | | PHY |

INVENTORY AND SCREENING NOTES:

Number of Greenscreen BM-4/BM3 contents........ 0
Contents highest concern GreenScreen Benchmark or List translator Score............. BM-1
Nanomaterial............. No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 350
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE

No certifications have been added to this HPD.

VERIFICATION #: RELEASE DATE: January 29, 2017 * or within 3 months of significant change in product contents

*See HPDC website for details
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.

### CLEAR ROOF PATCH

<table>
<thead>
<tr>
<th>Material</th>
<th>Inventory Threshold: 100 ppm</th>
<th>Residuals Considered: Yes</th>
<th>Material Notes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>XYLENES</td>
<td>30.0000 - 40.0000</td>
<td>GS: BM-1</td>
<td>NANO: NO</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RC: None</td>
<td>ROLE: Solvent</td>
</tr>
</tbody>
</table>

**HAZARDS:**

- **AGENCY(IES) WITH WARNINGS:**
  - **MAMMALIAN**
    - EU - R-phrases: R20 - Harmful by Inhalation (gas or vapor or dust/mist)
  - **MAMMALIAN**
    - EU - R-phrases: R21 - Harmful in Contact with Skin
  - **SKIN IRRITATION**
    - EU - R-phrases: R38 - Irritating to skin
  - **SKIN IRRITATION**
    - EU - GHS (H-Statements): H315 - Causes skin irritation
  - **ENDOCRINE**
    - TEDX - Potential Endocrine Disruptors: Potential Endocrine Disruptor
  - **MULTIPLE**
    - German FEA - Substances Hazardous to Waters: Class 2 - Hazard to Waters

**SUBSTANCE NOTES:**

- HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED
  - ID: 69430-35-9
  - %: 25.0000 - 30.0000
  - GS: LT-UNK
  - RC: None
  - NANO: NO
  - ROLE: Flexible polymer

**HAZARDS:**

- None Found

**SUBSTANCE NOTES:**

- BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE, HYDROGENATED
  - ID: 66070-58-4
  - %: 20.0000 - 25.0000
  - GS: LT-UNK
  - RC: None
  - NANO: NO
  - ROLE: Flexible polymer

**HAZARDS:**

- No warnings found on HPD Priority lists
### PARAFFIN OIL

| ID: 8012-95-1 |
| %: 15.0000 - 20.0000 |
| GS: LT-P1 |
| RC: None |
| NANO: NO |
| ROLE: Plasticizer |

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

RESPIRATORY

AOEC - Asthmagen (G) - generally accepted

**SUBSTANCE NOTES:**

### FUMED SILICA, CRYSTALLINE-FREE

| ID: 112945-52-5 |
| %: 1.0000 - 5.0000 |
| GS: LT-UNK |
| RC: None |
| NANO: NO |
| ROLE: Thixotrope |

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**

### BIS(2,2,6,6- TETRAMETHYL-4-PIPERIDINYL) SEBACATE

| ID: 52829-07-9 |
| %: 0.1000 - 0.5000 |
| GS: LT-P1 |
| RC: None |
| NANO: NO |
| ROLE: UV Stability |

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

MULTIPLE

German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

**SUBSTANCE NOTES:**

### PHENOL, 2-(5-CHLORO-2H-BENZOTRIAZOL-2-YL)-4,6-BIS(1,1-DIMETHYLETHYL)-

| ID: 3864-99-1 |
| %: 0.0500 - 0.2000 |
| GS: LT-P1 |
| RC: None |
| NANO: NO |
| ROLE: Preservative |

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

PBT

EU - SVHC Authorisation List vPvB - Candidate list

MULTIPLE

German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

**SUBSTANCE NOTES:**
**ETHYLBENZENE**

ID: 100-41-4

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
</table>

**HAZARDS:**

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<tr>
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<th>Agency</th>
<th>Notice</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAMMALIAN</td>
<td>EU - R-phrases</td>
<td>R20 - Harmful by Inhalation (gas or vapor or dust/mist)</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2b - Possibly carcinogenic to humans</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>MAMMALIAN</td>
<td>EU - GHS (H-Statements)</td>
<td>H304 - May be fatal if swallowed and enters airways</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels</td>
</tr>
<tr>
<td>PHYSICAL HAZARD (REACTIVE)</td>
<td>EU - GHS (H-Statements)</td>
<td>H225 - Highly flammable liquid and vapour</td>
</tr>
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</table>

**AGENCY(IES) WITH WARNINGS:**

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</table>

**SUBSTANCE NOTES:**

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**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.

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**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.

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**Section 5: General Notes**
## 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  
- **CAN** Cancer  
- **DEV** Developmental toxicity  
- **END** Endocrine activity  
- **EYE** Eye irritation/corrosivity  
- **GEN** Gene mutation  
- **GLO** Global warming  
- **MAM** Mammalian/systemic/organ toxicity  
- **MUL** Multiple hazards  
- **NEU** Neurotoxicity  
- **OZO** Ozone depletion  
- **PHY** Physical Hazard (reactive)  
- **REP** Reproductive toxicity  
- **RES** Respiratory sensitization  
- **SKI** Skin sensitization/irritation/corrosivity  
- **LAN** Land Toxicity  
- **NF** Not found on Priority Hazard Lists  
- **NF** Not found on Priority Hazard Lists

### GreenScreen (GS)

- **BM-4** Benchmark 4 (prefer-safer chemical)  
- **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 Unspecied (insufficient data to benchmark)  
- **LT-P1** List Translator Possible Benchmark 1  
- **LT-1** List Translator Likely Benchmark 1  
- **LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)  
- **UNK** Unknown (no data on List Translator Lists)

### 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.