Section 1: Summary

CONTENT INVENTORY

Threshold per material
- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals and impurities considered in 1 of 1 materials
see Section 2: Material Notes
see Section 5: General Notes

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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY | GREENSCREEN SCORE | HAZARD TYPE
--- | --- | --- | --- | ---
285 ACRYLIC ELASTOMERIC COATING | ALUMINA TRIHYDRATE | BM-2 | RES | WATER
| 2-PROPENOIC ACID, POLYMER WITH ETHENYLBENZENE AND 2-ETHYLHEXYL 2-PROPENOATE | LT-UNK | TITANIUM DIOXIDE | LT-1 | CAN
| ZINC OXIDE | BM-1 | AQU | RES | MUL
| PROPYLENE GLYCOL | BM-2 | HYDROXYETHYL CELLULOSE | LT-UNK | OCTHILINONE | LT-P1 | MAM | SKI | AQU | MUL | 1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBUTYRATE | LT-UNK | ACETIC ACID, SODIUM SALT | LT-UNK

Number of Greenscreen BM-4/BM3 contents: 1
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): 10
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.

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

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

Pro-Grade® 285 Health Product Declaration Page 1 of 6 created via: HPDC Online Builder www.hpd-collaborative.org
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>285 ACRYLIC ELASTOMERIC COATING</th>
<th>%: 100.0000 - 100.0000</th>
<th>HPD URL:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inventory Threshold: 100 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residuals Considered: Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material Notes:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ALUMINA TRIHYDRATE

<table>
<thead>
<tr>
<th>%: 25.0000 - 35.0000</th>
<th>GS: BM-2</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Filler/film strengthener</th>
</tr>
</thead>
</table>

HAZARDS:

RESPIRATORY: AOECC - Asthmagens

AGENCY(IES) WITH WARNINGS:

None Found

SUBSTANCE NOTES:

WATER

<table>
<thead>
<tr>
<th>%: 25.0000 - 35.0000</th>
<th>GS: BM-4</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Solvent</th>
</tr>
</thead>
</table>

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

None Found

SUBSTANCE NOTES:

2-PROPENOIC ACID, POLYMER WITH ETHENYLBENZENE AND 2-ETHYLHEXYL 2-PROPENOATE

<table>
<thead>
<tr>
<th>%: 20.0000 - 30.0000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Polymer film</th>
</tr>
</thead>
</table>

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

None Found

SUBSTANCE NOTES:

TITANIUM DIOXIDE

<table>
<thead>
<tr>
<th>%: 5.0000 - 10.0000</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Pigment</th>
</tr>
</thead>
</table>

ID: 21645-51-2

ID: 7732-18-5

ID: 25085-19-2

ID: 13463-67-7
## HAZARDS:

### AGENCY(IES) WITH WARNINGS:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Agency</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CANCER</strong></td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td><strong>CANCER</strong></td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td><strong>CANCER</strong></td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td><strong>CANCER</strong></td>
<td>MAK</td>
<td>Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Not present in a respirable form.

### ZINC OXIDE

<table>
<thead>
<tr>
<th>ID: 1314-13-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 1.0000 - 5.0000</td>
</tr>
<tr>
<td>GS: BM-1</td>
</tr>
<tr>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: NO</td>
</tr>
<tr>
<td>ROLE: Fungus, mold, mildew resistance</td>
</tr>
</tbody>
</table>

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

<table>
<thead>
<tr>
<th>Hazard Type</th>
<th>Agency</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ACUTE AQUATIC</strong></td>
<td>EU - R-phrases</td>
<td>R50 - Very Toxic to Aquatic Organisms</td>
</tr>
<tr>
<td><strong>RESPIRATORY</strong></td>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (ARs) - sensitizer-induced - inhalable forms only</td>
</tr>
<tr>
<td><strong>ACUTE AQUATIC</strong></td>
<td>EU - GHS (H-Statements)</td>
<td>H400 - Very toxic to aquatic life</td>
</tr>
<tr>
<td><strong>CHRON AQUATIC</strong></td>
<td>EU - GHS (H-Statements)</td>
<td>H410 - Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td><strong>MULTIPLE</strong></td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 2 - Hazard to Waters</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Not present in a respirable form.

### PROPYLENE GLYCOL

<table>
<thead>
<tr>
<th>ID: 57-55-6</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 1.0000 - 5.0000</td>
</tr>
<tr>
<td>GS: BM-2</td>
</tr>
<tr>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: NO</td>
</tr>
<tr>
<td>ROLE: Coalescing agent</td>
</tr>
</tbody>
</table>

**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**

### HYDROXYETHYL CELLULOSE

<table>
<thead>
<tr>
<th>ID: 9004-62-0</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.1000 - 1.0000</td>
</tr>
<tr>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td>RC: None</td>
</tr>
<tr>
<td>NANO: NO</td>
</tr>
<tr>
<td>ROLE: Thixotrope</td>
</tr>
</tbody>
</table>

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found
No warnings found on HPD Priority lists

OCTHILINONE

ID: 26530-20-1

%: 0.0100 - 0.1000  GS: LT-P1  RC: None  NANO: NO  ROLE: Preservative

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN  EU - R-phrases  R22 - Harmful if Swallowed

MAMMALIAN  EU - R-phrases  R23 - Toxic by Inhalation (gas, vapour, dust/mist)

MAMMALIAN  EU - R-phrases  R24 - Toxic in Contact with Skin

SKIN IRRITATION  EU - R-phrases  R34 - Causes burns

SKIN SENSITIZE  EU - R-phrases  R43 - May cause sensitization by skin contact

ACUTE AQUATIC  EU - R-phrases  R50 - Very Toxic to Aquatic Organisms

ACUTE AQUATIC  EU - GHS (H-Statements)  H400 - Very toxic to aquatic life

CHRON AQUATIC  EU - GHS (H-Statements)  H410 - Very toxic to aquatic life with long lasting effects

MAMMALIAN  EU - GHS (H-Statements)  H311 - Toxic in contact with skin

SKIN IRRITATION  EU - GHS (H-Statements)  H314 - Causes severe skin burns and eye damage

SKIN SENSITIZE  EU - GHS (H-Statements)  H317 - May cause an allergic skin reaction

MAMMALIAN  EU - GHS (H-Statements)  H331 - Toxic if inhaled

MULTIPLE  German FEA - Substances Hazardous to Waters  Class 3 - Severe Hazard to Waters

SKIN SENSITIZE  MAK  Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES:

1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBUTYRATE

ID: 25265-77-4

%: 0.0100 - 0.1000  GS: LT-UNK  RC: None  NANO: NO  ROLE: UV Stability

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER  MAK  Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES:
ACETIC ACID, SODIUM SALT
ID: 127-09-3

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

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
PBT Persistent Bioaccumulative Toxic

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspeci ed (insu cient 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

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.