



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 BM-4
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 | CAN 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 Regulatory (g/l):
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
*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.

285 ACRYLIC ELASTOMERIC COATING %: 100.0000 - 100.0000 HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes:

ALUMINA TRIHYDRATE

ID: 21645-51-2

%: 25.0000 - 35.0000

GS: BM-2

RC: None

NANO: NO

ROLE: Filler/film
strengtheners

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable
forms only

SUBSTANCE NOTES:

WATER

ID: 7732-18-5

%: 25.0000 - 35.0000

GS: BM-4

RC: None

NANO: NO

ROLE: Solvent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

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

ID: 25085-19-2

%: 20.0000 - 30.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Polymer film

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TITANIUM DIOXIDE

ID: 13463-67-7

%: 5.0000 - 10.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:		AGENCY(IES) WITH WARNINGS:	
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen	
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route	
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources	
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value	
SUBSTANCE NOTES: Not present in a respirable form.			

ZINC OXIDE		ID: 1314-13-2		
%: 1.0000 - 5.0000	GS: BM-1	RC: None	NANO: NO	ROLE: Fungus, mold, mildew resistance

HAZARDS:		AGENCY(IES) WITH WARNINGS:	
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only	
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	
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters	
SUBSTANCE NOTES: Not present in a respirable form.			

PROPYLENE GLYCOL		ID: 57-55-6		
%: 1.0000 - 5.0000	GS: BM-2	RC: None	NANO: NO	ROLE: Coalecsing agent

HAZARDS:		AGENCY(IES) WITH WARNINGS:	
None Found		No warnings found on HPD Priority lists	
SUBSTANCE NOTES:			

HYDROXYETHYL CELLULOSE		ID: 9004-62-0		
%: 0.1000 - 1.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Thixotrope

HAZARDS:		AGENCY(IES) WITH WARNINGS:		
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None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES:

OCTHILINONEID: 26530-20-1

%: 0.0100 - 0.1000GS: LT-P1RC: NoneNANO: NOROLE: 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-, MONOISOBUTYRATEID: 25265-77-4

%: 0.0100 - 0.1000GS: LT-UNKRC: NoneNANO: NOROLE: 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:

%: Impurity/Residual

GS: LT-UNK

RC: None

NANO: NO

ROLE: Impurity/Residual

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

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USA

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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** 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)

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.