

886 Tropi-Cool Epoxy Primer by Henry Company

CLASSIFICATION: 07 14 16.00

PRODUCT DESCRIPTION: HENRY 886 TROPIC-COOL™ EPOXY PRIMER IS A PREMIUM, TWO-COMPONENT, MULTI-PURPOSE, WATER-BASED EPOXY PRIMER. IT OFFERS EXCELLENT ADHESION TO MOST ROOF SUBSTRATES, ENHANCES ADHESION OF SILICONE TOP COATINGS, AND PREVENTS BLEED-THROUGH, DISCOLORING, AND STAINING.

Health Product Declaration v2.0

created via: HPDC Online Builder

Section 1: Summary

CONTENT INVENTORY

Threshold per material	Residuals and impurities considered in 1 of 1 materials	Characterized.....	☒	☐
☒ 100 ppm	☒ see Section 2:	Are the Percent Weight and Role provided for all substances?	Yes	No
☐ 1,000 ppm	Material Notes	Screened.....	☒	☐
☐ Per GHS SDS	☒ see Section 5:	Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
☐ Per OSHA MSDS	General Notes	Identified.....	☐	☐
☐ Other		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

WATER-BASED EPOXY PRIMER [**WATER** **BM-4** **POLYETHYLENEPOLYAMINE, DIMER FATTY ACID CONDENSATE** **LT-P1** | **MUL** **EPICHLOROHYDRIN-BISPHENOL A RESIN** **LT-P1** | **EYE** | **SKI** | **AQU** | **MUL** **SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM., SHOWN TO CONTAIN LESS THAN 0,1 % W/W BENZENE** **LT-P1** | **MAM** | **MUL** **TITANIUM DIOXIDE** **LT-1** | **CAN** **1,2,4-TRIMETHYLBENZENE** **BM-2** | **MAM** | **EYE** | **SKI** | **AQU** | **MUL**]

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

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 60 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 28, 2017	EXPIRY DATE*: January 28, 2020
☐ Third Party Verified	VERIFICATION #:	RELEASE DATE: January 28, 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.

WATER-BASED EPOXY PRIMER %: 100.0000 - 100.0000 HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes:

WATER

ID: 7732-18-5

%: 55.0000 - 65.0000

GS: BM-4

RC: None

NANO: NO

ROLE: Carrier

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYETHYLENEPOLYAMINE, DIMER FATTY ACID CONDENSATE

ID: 68410-23-1

%: 10.0000 - 15.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

EPICHLOROHYDRIN-BISPHENOL A RESIN

ID: 25068-38-6

%: 10.0000 - 15.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Polymer

HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

SKIN IRRITATION

EU - R-phrases

R38 - Irritating to skin

SKIN SENSITIZE

EU - R-phrases

R43 - May cause sensitization by skin contact

ACUTE AQUATIC

EU - R-phrases

R51 - Toxic to Aquatic Organisms

CHRON AQUATIC

EU - GHS (H-Statements)

H411 - Toxic to aquatic life with long lasting effects

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

SKIN SENSITIZE	EU - GHS (H-Statements)		H317 - May cause an allergic skin reaction	
EYE IRRITATION	EU - GHS (H-Statements)		H319 - Causes serious eye irritation	
MULTIPLE	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	
SUBSTANCE NOTES:				
SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM., SHOWN TO CONTAIN LESS THAN 0,1 % W/W BENZENE			ID: 64742-95-6	
%: 3.0000 - 7.0000	GS: LT-P1	RC: None	NANO: NO	ROLE: Solvent
HAZARDS:		AGENCY(IES) WITH WARNINGS:		
MAMMALIAN	EU - GHS (H-Statements)		H304 - May be fatal if swallowed and enters airways	
MULTIPLE	ChemSec - SIN List		CMR - Carcinogen, Mutagen &/or Reproductive Toxicant	
MULTIPLE	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	
SUBSTANCE NOTES:				
TITANIUM DIOXIDE			ID: 13463-67-7	
%: 1.0000 - 5.0000	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 available as a respirable dust.				
1,2,4-TRIMETHYLBENZENE			ID: 95-63-6	
%: Impurity/Residual	GS: BM-2	RC: None	NANO: NO	ROLE: Impurity/Residual
HAZARDS:		AGENCY(IES) WITH WARNINGS:		

MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
ACUTE AQUATIC	EU - R-phrases	R51 - Toxic to Aquatic Organisms
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

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



Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: Henry Company

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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.