

289 White Roofing Sealant by Henry Company

Health Product Declaration v2.0

CLASSIFICATION: 07 14 16.00

created via: HPDC Online Builder

PRODUCT DESCRIPTION: HENRY 289 WHITE ROOFING SEALANT IS A WHITE, ELASTOMERIC ACRYLIC PATCHING COMPOUND SPECIALLY FORMULATED FOR REPAIRING AND PREVENTING ROOF LEAKS PRIOR TO COATING WITH AN ACRYLIC REFLECTIVE COATING. HE289 - WHITE ROOFING SEALANT MAKES YOUR JOB EASIER.

Section 1: Summary

CONTENT INVENTORY

Threshold per material	Residuals and impurities considered in 1 of 1 materials	Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
<input checked="" type="radio"/> 100 ppm	<input checked="" type="radio"/> see Section 2:	Are the Percent Weight and Role provided for all substances?	Yes	No
<input type="radio"/> 1,000 ppm	Material Notes	Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
<input type="radio"/> Per GHS SDS	<input checked="" type="radio"/> see Section 5:	Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
<input type="radio"/> Per OSHA MSDS	General Notes	Identified.....	<input type="radio"/>	<input type="radio"/>
<input type="radio"/> Other		Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

Based on the selected Content Inventory Threshold:

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.

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

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

289 WHITE ROOFING SEALANT [LIMESTONE; CALCIUM CARBONATE **LT-UNK** WATER **BM-4** 2-PROPENOIC ACID, POLYMER WITH ETHENYLBENZENE AND 2-ETHYLHEXYL 2-PROPENOATE **LT-UNK** BUTYL BENZYL PHTHALATE (BBP) **LT-1** | AQU | DEV | REP | CAN | END | MUL TITANIUM DIOXIDE **LT-1** | CAN PROPYLENE GLYCOL **BM-2** POLY(OXYMETHYLENE), .ALPHA.-(1H,3H,5H-OXAZOLO[3,4-C]OXAZOL-7A(7H)-YLMETHYL)-.OMEGA.-HYDROXY- **UNK** QUARTZ **LT-1** | CAN]

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): Regulatory (g/l): 50
 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.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: January 28, 2017	EXPIRY DATE*: January 28, 2020
<input type="radio"/> 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.

289 WHITE ROOFING SEALANT %: 100.0000 - 100.0000 HPD URL:

Inventory Threshold: 100 ppm Residuals Considered: Yes

Material Notes:

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 35.0000 - 45.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Filler/film strengthener

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

WATER

ID: 7732-18-5

%: 20.0000 - 30.0000

GS: BM-4

RC: None

NANO: NO

ROLE: Solvent

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

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

ID: 25085-19-2

%: 15.0000 - 25.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Polymer/waterproofing

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

BUTYL BENZYL PHTHALATE (BBP)

ID: 85-68-7

%: 5.0000 - 10.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Plasticizer

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
DEVELOPMENTAL	EU - R-phrases	R61 - May cause harm to the unborn child
REPRODUCTIVE	EU - R-phrases	R62 - Possible risk of impaired fertility
CANCER	US EPA - IRIS Carcinogens	(1986) Group C - Possible human Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
ENDOCRINE	EU - Priority Endocrine Disrupters	Category 1 - In vivo evidence of Endocrine Disruption Activity
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Banned unless Authorised
ENDOCRINE	OSPAR - Priority PBTs & EDs & equivalent concern	Endocrine Disruptor - Substance of Possible Concern
ENDOCRINE	OSPAR - Priority PBTs & EDs & equivalent concern	Endocrine Disruptor - Chemical for Priority Action
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs	Some Evidence of Adverse Effects - Reproductive Toxicity
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - Action Plan in development
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
DEVELOPMENTAL	EU - GHS (H-Statements)	H360Df - May damage the unborn child. Suspected of damaging fertility
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
REPRODUCTIVE	US EPA - PPT Chemical Action Plans	Reproductive effects
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B

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 in respirable form.

PROPYLENE GLYCOL

ID: 57-55-6

%: 0.1000 - 1.0000

GS: BM-2

RC: None

NANO: NO

ROLE: Coalescing agent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists	
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SUBSTANCE NOTES:

POLY(OXYMETHYLENE), .ALPHA.-(1H,3H,5H-OXAZOLO[3,4-C]OXAZOL-7A(7H)-YLMETHYL)-.OMEGA.-HYDROXY-

ID: 56709-13-8

%: 0.1000 - 1.0000

GS: UNK

RC: None

NANO: NO

ROLE: UV Stability

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists	
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SUBSTANCE NOTES:

QUARTZ

ID: 14808-60-7

%: Impurity/Residual

GS: LT-1

RC: None

NANO: NO

ROLE: Impurity/Residual

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 1: Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
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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El Segundo, CA 90245
USA
WEBSITE: www.henry.com

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

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) | LT-1 List Translator Likely Benchmark 1 |
| BM-2 Benchmark 2 (use but search for safer substitutes) | LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) |
| BM-1 Benchmark 1 (avoid - chemical of high concern) | UNK Unknown (no data on List Translator Lists) |
| 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.