

Pro-Grade® 586 Fibered Aluminum Roof Coating by Henry Company

CLASSIFICATION: 07 26 16.00

PRODUCT DESCRIPTION: PRO-GRADE® 586 FIBERED ALUMINUM ROOF COATING IS A PREMIUM FIBERED ALUMINUM COATING FOR NEW OR AGED SMOOTH SURFACE BUR, MODIFIED BITUMEN MEMBRANES, AGED GALVANIZED METAL ROOFS AND NEW ASPHALT EMULSION THAT FORMS A TOUGH, BRILLIANT REFLECTIVE SURFACING. IT CAN DECREASE AIR CONDITIONING COSTS AND CAN LOWER THE INSIDE TEMPERATURE OF BUILDINGS, UP TO 20° F COOLER IN THE SUMMER.

Health Product Declaration v2.0

created via: HPDC Online Builder



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**

FIBERED ALUMINUM ROOF COATING [SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC
LT-UNK | MAM ASPHALT LT-1 | CAN ALUMINUM LT-P1 | RES | END | PHY PERLITE LT-UNK SOLID
/ PLATE GLASS LT-UNK SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM., SHOWN TO CONTAIN
LESS THAN 0,1 % W/W BENZENE LT-P1 | MAM | MUL SILICA GEL LT-UNK ENGLISH FULLERS
EARTH UNK 1,2,4-TRIMETHYLBENZENE BM-2 | MAM | EYE | SKI | AQU | MUL XYLENES BM-1 |
MAM | SKI | END | MUL QUARTZ LT-1 | CAN]

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): Regulatory (g/l): 400

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 23, 2017

EXPIRY DATE*: January 23, 2020

☐ Third Party Verified

VERIFICATION #:

RELEASE DATE: January 23, 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.

FIBERED ALUMINUM ROOF COATING %: 100.0000 - 100.0000 HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes:

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC

ID: 64742-88-7

%: 30.0000 - 40.0000

GS: LT-UNK

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

ORGAN TOXICANT

EU - GHS (H-Statements)

H372 - Causes damage to organs through prolonged or repeated exposure

SUBSTANCE NOTES:

ASPHALT

ID: 8052-42-4

%: 30.0000 - 40.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Waterproofing/flexibility

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

SUBSTANCE NOTES: IARC classifies asphalt as a carcinogen when used in road paving applications. This product is not intended for that use.

ALUMINUM

ID: 7429-90-5

%: 10.0000 - 15.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: Heat reflection

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY	AOEC - Asthmagens	Asthmagens (ARs) - sensitizer-induced - inhalable forms only
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H228 - Flammable solid
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases

SUBSTANCE NOTES: Not available in a respirable dust form.

PERLITE

ID: 93763-70-3

%: 5.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Filler/film strengthener
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SOLID / PLATE GLASS

ID: 65997-17-3

%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Filler/film strengthener
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM., SHOWN TO CONTAIN LESS THAN 0,1 % W/W BENZENE

ID: 64742-95-6

%: 1.0000 - 5.0000	GS: LT-P1	RC: None	NANO: NO	ROLE: Solvent
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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:

SILICA GEL

ID: 112926-00-8

%: 0.1000 - 1.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Thixotrope

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

ENGLISH FULLERS EARTH

ID: 8031-18-3

%: 0.1000 - 1.0000

GS: UNK

RC: None

NANO: NO

ROLE: Thixotrope

HAZARDS:

None Found

AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

1,2,4-TRIMETHYLBENZENE

ID: 95-63-6

%: Impurity/Residual

GS: BM-2

RC: None

NANO: NO

ROLE: Impurity/Residual

HAZARDS:

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:

XYLENES

ID: 1330-20-7

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:		

QUARTZ	ID: 14808-60-7
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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: Not available in respirable form.		

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

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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.