

CLASSIFICATION: 07 14 16.00

PRODUCT DESCRIPTION: Henry 869 rubberized aluminum roof coating is a premium, highly reflective, ponding water resistant roof coating made with SBS rubber polymers, which give the coating outstanding strength and elastic properties. It is an excellent top surfacing for new or weathered asphalt surfaces, smooth modified bitumen membranes, and metal roofs. It is suitable for commercial, institutional, and industrial applications. Its highly reflective properties will extend roof life expectancy by retarding the adverse effects of solar radiation and reducing roof surface temperatures. It also reduces interior building temperatures. Manufactured to meet the requirements of ASTM D-2824, Type III.

## Section 1: Summary

## Basic Method / Product Threshold

### CONTENT INVENTORY

#### Inventory Reporting Format

- Nested Materials Method  
 Basic Method

#### Threshold Disclosed Per

- Material  
 Product

#### Threshold level

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

#### Residuals/Impurities

- Considered  
 Partially Considered  
 Not Considered

Explanation(s) provided for Residuals/Impurities?  
 Yes  No

All Substances Above the Threshold Indicated Are:

**Characterized**  Yes Ex/SC  Yes  No  
% weight and role provided for all substances.

**Screened**  Yes Ex/SC  Yes  No  
All substances screened using Priority Hazard Lists with results disclosed.

**Identified**  Yes Ex/SC  Yes  No  
All substances disclosed by Name (Specific or Generic) and Identifier.

### 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**

**RUBBERIZED ALUMINUM ROOF COATING [ SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM., SHOWN TO CONTAIN LESS THAN 0,1 % W/W BENZENE LT-P1 | MAM | MUL | END ALUMINUM BM-1 | END | PHY | RES STYRENE BUTADIENE RUBBER (SBR) LT-UNK ASPHALT LT-1 | CAN WOLLASTONITE LT-UNK SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC LT-P1 | MAM | END DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC, SHOWN TO CONTAIN LESS THAN 3 % DMSO EXTRACT LT-1 | CAN | MUL SILICA GEL LT-UNK HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED LT-UNK 1,2,4-TRIMETHYLBENZENE BM-2 | AQU | SKI | EYE | MUL XYLENES BM-1 | SKI | END | MUL | REP 1,2,3-TRIMETHYLBENZENE BM-2 ]**

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:

None

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 450

Regulatory (g/l): 450

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: N/A

### CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: Self-declared

VOC content: EPA Method 24 - Volatile Matter Content (EPA 24)

### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

Yes

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-04-12

PUBLISHED DATE: 2020-04-12

EXPIRY DATE: 2023-04-12





# Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

## RUBBERIZED ALUMINUM ROOF COATING

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities considered.

OTHER PRODUCT NOTES: None

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

ID: 64742-95-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-12

%: 15.00 - 25.00

GS: LT-P1

RC: None

NANO: No

ROLE: Solvent

| HAZARD TYPE | AGENCY AND LIST TITLES                      | WARNINGS  |
|-------------|---|---|
| MAMMALIAN   | EU - GHS (H-Statements)                     | H304 - May be fatal if swallowed and enters airways |
| MULTIPLE    | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters                          |
| ENDOCRINE   | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor                       |

SUBSTANCE NOTES: None

## ALUMINUM

ID: 7429-90-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-12

%: 10.00 - 20.00

GS: BM-1

RC: None

NANO: No

ROLE: Reflectance

| HAZARD TYPE                | AGENCY AND LIST TITLES                | WARNINGS  |
|----------------------------|---------------------------------------|---|
| 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)               | H261 - In contact with water releases flammable gases |
| RESPIRATORY                | AOEC - Asthmagens                     | Asthmagens (Rs) - sensitizer-induced                  |

SUBSTANCE NOTES: Not in available in a dry or respirable form.

**STYRENE BUTADIENE RUBBER (SBR)**

ID: 9003-55-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-12**%: **10.00 - 20.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Flexible polymer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None****ASPHALT**

ID: 8052-42-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-12**%: **10.00 - 20.00**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Waterproofing/flexibility**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

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

**WOLLASTONITE**

ID: 13983-17-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-12**%: **5.00 - 10.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Filler/film strengthener**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Not available in respirable form.****SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC**

ID: 64742-88-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-04-12**%: **3.00 - 7.00**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Solvent**

| HAZARD TYPE    | AGENCY AND LIST TITLES                | 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 |
| ENDOCRINE      | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor   |

SUBSTANCE NOTES: **None**

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC, SHOWN TO CONTAIN LESS THAN 3 % DMSO EXTRACT**

ID: **64742-52-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-12**

#: **1.00 - 5.00**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Plasticizer**

| HAZARD TYPE | AGENCY AND LIST TITLES                      | WARNINGS   |
|-------------|---|--|
| CANCER      | EU - REACH Annex XVII CMRs                  | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| MULTIPLE    | ChemSec - SIN List                          | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant   |
| MULTIPLE    | German FEA - Substances Hazardous to Waters | Class 3 - Severe Hazard to Waters  |

SUBSTANCE NOTES: **Contains less than 3% DMSO extractables. Not a carcinogen or mutagen.**

**SILICA GEL**

ID: **112926-00-8**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-12**

#: **1.00 - 5.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Thixotrope**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                                       |
|-------------|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: **Not available in respirable form**

**HYDROCARBONS, C6-20, POLYMERS, HYDROGENATED**

ID: **69430-35-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-12**

#: **1.00 - 5.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Adhesion**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                                       |
|-------------|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: **None**

## 1,2,4-TRIMETHYLBENZENE

ID: 95-63-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-12**

#: **Impurity/Residual** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

| HAZARD TYPE     | AGENCY AND LIST TITLES                      | WARNINGS   |
|-----------------|---|--|
| 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: **None**

## XYLENES

ID: 1330-20-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-12**

#: **Impurity/Residual** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

| HAZARD TYPE     | AGENCY AND LIST TITLES                      | WARNINGS                                   |
|-----------------|---|--|
| 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                 |
| REPRODUCTIVE    | GHS - Japan                                 | Toxic to reproduction - Category 1B [H360] |

SUBSTANCE NOTES: **None**

## 1,2,3-TRIMETHYLBENZENE

ID: 526-73-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-04-12**

#: **Impurity/Residual** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Impurity/Residual**

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS                                       |
|-------------|------------------------|--|
| None found  |                        | No warnings found on HPD Priority Hazard Lists |

SUBSTANCE NOTES: **None**



## 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.*

### VOC EMISSIONS

#### Self-declared

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2020-**

EXPIRY DATE:

CERTIFIER OR LAB: **Henry**

APPLICABLE FACILITIES: **All Henry facilities**

**04-12**

**Company**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Exterior use only product**

### VOC CONTENT

#### EPA Method 24 - Volatile Matter Content (EPA 24)

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2020-**

EXPIRY DATE:

CERTIFIER OR LAB: **Henry**

APPLICABLE FACILITIES: **All Henry facilities**

**04-12**

**Company**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Exterior use only product**

## 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.*

No accessories are required for this product.

## Section 5: General Notes

No additional general notes for this product





## MANUFACTURER INFORMATION

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MANUFACTURER: **Henry Company**  
ADDRESS: **999 N. Pacific Coast Hwy**  
**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

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**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

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

### GreenScreen (GS)

|   |  |
|---|--|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible Benchmark 1  |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator Likely Benchmark 1   |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> Unknown (no data on List Translator Lists)   |
| <b>BM-U</b> 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 Terms

#### Inventory Methods:

**Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material  
**Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product  
**Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

**Nano** Composed of nano scale particles or nanotechnology  
**Third Party Verified** Verification by independent certifier approved by HPDC  
**Preparer** Third party preparer, if not self-prepared by manufacturer  
**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 v2.1 is not:*

- *a method for the assessment of exposure or risk associated with product handling or use,*
- *a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

*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 standard noted.*