Blueskin Metal Clad Weather Barrier by Henry Company

CLASSIFICATION: 07 27 00.00

PRODUCT DESCRIPTION: Henry Blueskin Metal Clad is a self-adhesive composite membrane of rubberized asphalt and dual-layers of high strength polyethylene with surface layer of metallic aluminum film. Supplied in various width rolls with removable release film, this self-adhered waterproofing and air barrier product exhibits excellent weathering resistance due to metallic surfacing as well as high adhesion to various substrates including: building penetrations, window openings, transitions, and roof surfaces. Commonly used in Building Envelope System® air barrier transition in conjunction with Air-Bloc® or Blueskin® membranes. Priming is required for maximum adhesion.

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

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
--- | --- | --- | --- | ---
BLUESKIN METAL CLAD WEATHER BARRIER | ASPHALT LT-1 | CAN | LIMESTONE; CALCIUM CARBONATE LT-UNK | STYRENE BUTADIENE RUBBER (SBR) LT-UNK | ALUMINUM BM-1 | PHY | END | RES | SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) LT-UNK | QUARTZ LT-1 | CAN | SULFUR LT-UNK | SKI

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
VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE
VOC emissions: Self-Declared

CONSISTENCY WITH OTHER PROGRAMS
Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-02-13
PUBLISHED DATE: 2020-02-13
EXPIRY DATE: 2023-02-13
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)

### BLUESKIN METAL CLAD WEATHER BARRIER

**PRODUCT THRESHOLD:** 100 ppm

**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** Residuals and impurities have been considered down to 100 ppm

**OTHER PRODUCT NOTES:** None

### ASPHALT

**ID:** 8052-42-4

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

**HAZARD SCREENING DATE:** 2020-02-13

**%:** 50.00 - 60.00

**GS:** LT-1

**RC:** None

**GS:** LT-1

**GS:** LT-1

**NANO:** No

**ROLE:** Waterproofing/flexibility

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2b - Possibly carcinogenic to humans</td>
</tr>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
</tbody>
</table>

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

### LIMESTONE; CALCIUM CARBONATE

**ID:** 1317-65-3

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

**HAZARD SCREENING DATE:** 2020-02-13

**%:** 30.00 - 40.00

**GS:** LT-UNK

**RC:** None

**GS:** LT-UNK

**NANO:** No

**ROLE:** Filler/film strengthener

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td></td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Not in a respirable form
# STYRENE BUTADIENE RUBBER (SBR)

**ID:** 9003-55-8  

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

**HAZARD SCREENING DATE:** 2020-02-13  

**%:** 5.00 - 10.00  

**GS:** LT-UNK  

**RC:** None  

**NANO:** No  

**ROLE:** Flexibility  

**HAZARD TYPE** | **AGENCY AND LIST TITLES** | **WARNINGS**
--- | --- | ---
None found | Pharos Chemical and Materials Library | No warnings found on HPD Priority Hazard Lists  

**SUBSTANCE NOTES:** None

---

# ALUMINUM

**ID:** 7429-90-5  

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

**HAZARD SCREENING DATE:** 2020-02-13  

**%:** 1.00 - 5.00  

**GS:** BM-1  

**RC:** None  

**NANO:** No  

**ROLE:** Reflection  

**HAZARD TYPE** | **AGENCY AND LIST TITLES** | **WARNINGS**
--- | --- | ---
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  

**ENDOCRINE** | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor  

**RESPIRATORY** | AOEC - Asthmagens | Asthmagen (Rs) - sensitizer-induced  

**SUBSTANCE NOTES:** Used as a protective/reflective film

---

# SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)

**ID:** 65997-17-3  

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

**HAZARD SCREENING DATE:** 2020-02-13  

**%:** 1.00 - 5.00  

**GS:** LT-UNK  

**RC:** None  

**NANO:** No  

**ROLE:** Reinforcement  

**HAZARD TYPE** | **AGENCY AND LIST TITLES** | **WARNINGS**
--- | --- | ---
None found | Pharos Chemical and Materials Library | No warnings found on HPD Priority Hazard Lists  

**SUBSTANCE NOTES:** Not present in a respirable form.

---

# QUARTZ

**ID:** 14808-60-7  

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

**HAZARD SCREENING DATE:** 2020-02-13  

**%:** Impurity/Residual  

**GS:** LT-1  

**RC:** None  

**NANO:** No  

**ROLE:** Impurity/Residual
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CANCER</td>
<td>US NIH - Report on Carcinogens</td>
<td>Known to be Human Carcinogen (respirable size - occupational setting)</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 1 - Substances that cause cancer in man</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 1 - Agent is Carcinogenic to humans</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - New Zealand</td>
<td>6.7A - Known or presumed human carcinogens</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Japan</td>
<td>Carcinogenicity - Category 1A [H350]</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Australia</td>
<td>H350i - May cause cancer by inhalation</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Not present in a respirable form.

---

**SULFUR**

**ID:** 7704-34-9

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD:</th>
<th>Pharos Chemical and Materials Library</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD SCREENING DATE:</td>
<td>2020-02-13</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>%:</th>
<th>Impurity/Residual</th>
<th>GS:</th>
<th>LT-UNK</th>
<th>RC:</th>
<th>None</th>
<th>NANO:</th>
<th>No</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SKIN IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
<td>H315 - Causes skin irritation</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Not in respirable form. Sulfur compounds may be emitted if product is heated to above 400F.
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.

<table>
<thead>
<tr>
<th>VOC EMISSIONS</th>
<th>Self-Declared</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Self-declared</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All facilities</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2019-10-30</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>Henry Company</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>Exterior use product</td>
</tr>
</tbody>
</table>

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

**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

**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

<table>
<thead>
<tr>
<th>Hazard Types</th>
<th>GLO Global warming</th>
<th>PHY Physical Hazard (reactive)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AQU Aquatic toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAN Cancer</td>
<td>MAM Mammalian/systemic/organ toxicity</td>
<td>REP Reproductive toxicity</td>
</tr>
<tr>
<td>DEV Developmental toxicity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>END Endocrine activity</td>
<td>NEU Neurotoxicity</td>
<td>RES Respiratory sensitization</td>
</tr>
<tr>
<td>EYE Eye irritation/corrosivity</td>
<td>OZO Ozone depletion</td>
<td>SKI Skin sensitization/irritation/corrosivity</td>
</tr>
<tr>
<td>GEN Gene mutation</td>
<td>PBT Persistent Bioaccumulative Toxic</td>
<td>LAN Land Toxicity</td>
</tr>
</tbody>
</table>

**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) | NoGS 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 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.