Blueskin TWF
by Henry Company

CLASSIFICATION: 07 27 00.00

PRODUCT DESCRIPTION: BLUESKIN® TWF IS A SELF-ADHERED MEMBRANE CONSISTING OF AN SBS RUBBERIZED ASPHALT COMPOUND WHICH IS INTEGRALLY LAMINATED TO A TOUGH, YELLOW CROSS-LAMINATED POLYETHYLENE FILM. THE MEMBRANE IS SPECIFICALLY DESIGNED FOR USE AS A THRU-WALL FLASHING. AVAILABLE IN STANDARD: 12", 18", 24" AND 36" WIDTHS. CUSTOM WIDTHS ALSO AVAILABLE.

Blueskin TWF Health Product Declaration Page 1 of 5 created via: HPDC Online Builder www.hpd-collaborative.org
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.

<table>
<thead>
<tr>
<th>Material</th>
<th>%:</th>
<th>Inventory Threshold</th>
<th>Residuals Considered</th>
<th>Material Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blueskin TWF</td>
<td>100.0000 - 100.0000</td>
<td>100 ppm</td>
<td>Yes</td>
<td>Blueskin TWF is an article does not release substances/chemicals when used as directed.</td>
</tr>
</tbody>
</table>

**ASPHALT**

<table>
<thead>
<tr>
<th>%:</th>
<th>GS:</th>
<th>RC:</th>
<th>NANO:</th>
<th>ROLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>65.0000 - 75.0000</td>
<td>LT-1</td>
<td>None</td>
<td>NO</td>
<td>Waterproofing, flexibility</td>
</tr>
</tbody>
</table>

**HAZARDS:**

<table>
<thead>
<tr>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC</td>
</tr>
<tr>
<td>Group 2b - Possibly carcinogenic to humans</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** This substance is not used in road paving and therefore not classified as a carcinogen by IARC. Exposure potential to asphalt when using this product as directed is extremely low.

**STYRENE BUTADIENE RUBBER (SBR)**

<table>
<thead>
<tr>
<th>%:</th>
<th>GS:</th>
<th>RC:</th>
<th>NANO:</th>
<th>ROLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.0000 - 25.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Flexibility</td>
</tr>
</tbody>
</table>

**HAZARDS:**

<table>
<thead>
<tr>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Found</td>
</tr>
<tr>
<td>No warnings found on HPD Priority lists</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:**

**DISTILLATES (PETROLEUM), HYDROTREATED (MILD) HEAVY NAPHTHENIC (9CI):**

<table>
<thead>
<tr>
<th>%:</th>
<th>GS:</th>
<th>RC:</th>
<th>NANO:</th>
<th>ROLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0000 - 15.0000</td>
<td>LT-1</td>
<td>None</td>
<td>NO</td>
<td>Plasticizer</td>
</tr>
</tbody>
</table>

**HAZARDS:**

<table>
<thead>
<tr>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>EU - R-phrases</td>
</tr>
<tr>
<td>R45 - May cause cancer</td>
</tr>
<tr>
<td>Persistent, Bioaccumulative and inherently Toxic (PBITH) to humans</td>
</tr>
</tbody>
</table>
CANCER EU - GHS (H-Statements)
H350 - May cause cancer

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

CANCER EU - Annex VI CMRs
Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

SUBSTANCE NOTES: Contains less than 3% DMSO extractables - not considered to be a carcinogen or a mutagen.

POLYETHYLENE
ID: 9002-88-4

%: 5.0000 - 10.0000 GS: LT-UNK RC: None NANO: NO ROLE: Protective polymer film

HAZARDS: AGENCY(IES) WITH WARNINGS:
None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SULFUR
ID: 7704-34-9

%: Impurity/Residual GS: LT-UNK RC: None NANO: NO ROLE: Impurity/Residual

HAZARDS: AGENCY(IES) WITH WARNINGS:
SKIN IRRITATION EU - R-phrases R38 - Irritating to skin
SKIN IRRITATION EU - GHS (H-Statements) H315 - Causes skin irritation

SUBSTANCE NOTES:

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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.
## MANUFACTURER INFORMATION

**MANUFACTURER:** Henry Company  
**ADDRESS:** 999 N. Sepulveda Blvd.  
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

<table>
<thead>
<tr>
<th>OSHA MSDS</th>
<th>Occupational Safety and Health Administration Material Safety Data Sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHS SDS</td>
<td>Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet</td>
</tr>
</tbody>
</table>

### Hazard Types

- **AQU** Aquatic toxicity  
- **CAN** Cancer  
- **DEV** Developmental toxicity  
- **END** Endocrine activity  
- **EYE** Eye irritation/corrosivity  
- **GEN** Gene mutation  
- **GLO** Global warming  
- **GEN** Mammalian/systemic/organ toxicity  
- **MAM** Mammalian/systemic/organ toxicity  
- **MUL** Multiple hazards  
- **NEU** Neurotoxicity  
- **OZO** Ozone depletion  
- **PHY** Physical Hazard (reactive)  
- **REP** Reproductive toxicity  
- **RES** Respiratory sensitization  
- **SK1** Skin sensitization/irritation/corrosivity  
- **LAN** Land Toxicity  
- **NF** Not found on Priority Hazard Lists  
- **GLO** Global warming  
- **MAM** Mammalian/systemic/organ toxicity  
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### 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 substitues)  
- **BM-1** Benchmark 1 (avoid - chemical of high concern)  
- **BM-U** Benchmark Unspeci ed (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.