Air-Bloc® LF Liquid-Applied Flashing
by Henry Company

CLASSIFICATION: 07 27 26.00

PRODUCT DESCRIPTION: HENRY AIR-BLOC® LF IS A MOISTURE CURE SINGLE-COMPONENT ELASTOMERIC LIQUID-APPLIED FLASHING USING A HIGHLY ADVANCED SILYL-TERMINATED POLYETHER (STPE) POLYMER. IT IS DESIGNED TO CURE THROUGH REACTION WITH AIRBORNE MOISTURE TO PROVIDE A HEAVY-DUTY, SEAMLESS, RUBBER-LIKE IMPERVIOUS MEMBRANE WITH EXCELLENT WEATHERING AND WATER RESISTANCE.

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 0 of 1 materials

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
--- | --- | --- | --- | ---
AIR-BLOC LF | LIMESTONE; CALCIUM CARBONATE | LT-UNK | SILYL-TERMINATED POLYETHER | PBT | END
UNK POLYPROPYLENE GLYCOL | LT-UNK | MICA | LT-UNK 1,2,3-PROPYANETRIOL TRIACETATE | LT-UNK DECAETHYLCYCLOPENTASILXAN (DS) | LT-P | END QUARTZ LT-1 | CAN |

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT
Material (g/l): 22
Regulatory (g/l): 
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.

VERIFIER:
SCREENING DATE: January 29, 2017
EXPIRY DATE*: January 29, 2020
* or within 3 months of significant change in product contents

VERIFICATION #:
RELEASE DATE: January 29, 2017

Self-Published*
Third Party Verified
*See HPDC website for details
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.

### AIR-BLOC LF

<table>
<thead>
<tr>
<th>Material Notes:</th>
<th>ID: 1317-65-3</th>
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</table>

<table>
<thead>
<tr>
<th>Material</th>
<th>ID</th>
<th>Inventory Threshold: 100 ppm</th>
<th>Residuals Considered: No</th>
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</thead>
</table>

| LIMESTONE; CALCIUM CARBONATE | %: 40.0000 - 50.0000 | 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:

<table>
<thead>
<tr>
<th>SILYL-TERMINATED POLYETHER</th>
<th>ID: 205265-06-1</th>
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<thead>
<tr>
<th>Material</th>
<th>ID</th>
<th>Inventory Threshold: 100 ppm</th>
<th>Residuals Considered: No</th>
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</thead>
</table>

| POLYPROPYLENE GLYCOL | %: 5.0000 - 10.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Plasticizer |

#### HAZARDS:

None Found

#### AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

#### SUBSTANCE NOTES:

<table>
<thead>
<tr>
<th>MICA</th>
<th>ID: 12001-26-2</th>
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<table>
<thead>
<tr>
<th>Material</th>
<th>ID</th>
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<th>Residuals Considered: No</th>
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</thead>
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<table>
<thead>
<tr>
<th>AIR-BLOC LF</th>
<th>%: 100.0000 - 100.0000</th>
<th>HPD URL:</th>
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<th>ID</th>
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<th>Residuals Considered: No</th>
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</table>

<table>
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<tr>
<th>MATERIAL</th>
<th>ID</th>
<th>Inventory Threshold: 100 ppm</th>
<th>Residuals Considered: No</th>
</tr>
</thead>
</table>

| POLYPROPYLENE GLYCOL | %: 5.0000 - 10.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Plasticizer |

#### HAZARDS:

None Found

#### AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

#### SUBSTANCE NOTES:
### 1,2,3-PROPANETRIOL TRIACETATE

**ID:** 102-76-1

<table>
<thead>
<tr>
<th>%:</th>
<th>5.0000 - 10.0000</th>
<th><strong>GS:</strong> LT-UNK</th>
<th><strong>RC:</strong> None</th>
<th><strong>NANO:</strong> NO</th>
<th><strong>ROLE:</strong> Plasticizer</th>
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</thead>
</table>

### DECAMETHYLCYCLOPENTASILOXANE (D5)

**ID:** 541-02-6

<table>
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<th>%:</th>
<th>1.0000 - 5.0000</th>
<th><strong>GS:</strong> LT-P1</th>
<th><strong>RC:</strong> None</th>
<th><strong>NANO:</strong> NO</th>
<th><strong>ROLE:</strong> Solvent</th>
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</table>

### QUARTZ

**ID:** 14808-60-7

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<th>%:</th>
<th>Impurity/Residual</th>
<th><strong>GS:</strong> LT-1</th>
<th><strong>RC:</strong> None</th>
<th><strong>NANO:</strong> NO</th>
<th><strong>ROLE:</strong> Impurity/Residual</th>
</tr>
</thead>
</table>

### HAZARDS:

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

### SUBSTANCE NOTES:

**1,2,3-PROPANETRIOL TRIACETATE**

**ID:** 102-76-1

- **PBT**
  - EU - ESIS PBT: Under PBT evaluation
  - OR DEQ - Priority Persistent Pollutants: Priority Persistent Pollutant - Tier 1
  - EC - CEPA DSL: Persistent, Bioaccumulative and inherently Toxic (PBITE) to the Environment (based on aquatic organisms)

**ENDOCRINE**

- TEDX - Potential Endocrine Disruptors: Potential Endocrine Disruptor

**QUARTZ**

- **US CDC - Occupational Carcinogens:** Occupational Carcinogen
- **CA EPA - Prop 65:** Carcinogen - specific to chemical form or exposure route
- **IARC:** Group 1: Agent is carcinogenic to humans - inhaled from occupational sources
- **US NIH - Report on Carcinogens:** Known to be Human Carcinogen (respirable size - occupational setting)
**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

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

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)
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.