

CLASSIFICATION: 07 27 26.00

PRODUCT DESCRIPTION: AIR-BLOC® 17MR IS A LIQUID APPLIED, ELASTOMERIC MEMBRANE DESIGNED TO PROVIDE A VAPOR PERMEABLE AIR & WATER BARRIER WHEN APPLIED TO ABOVE-GRADE WALL ASSEMBLIES. IT IS SINGLE-COMPONENT, WATER-BASED AND CURES TO A TOUGH MONOLITHIC RUBBER-LIKE MEMBRANE, WHICH RESISTS AIR LEAKAGE AND WATER PENETRATION. AIR-BLOC® 17MR ALSO INCLUDES A HENRY ANTIMICROBIAL TECHNOLOGY TO CREATE AN INTEGRAL MOLD RESISTANT MEMBRANE, A BROAD APPLICATION TEMPERATURE RANGE AND A HENRY PROPRIETARY FIRE RESISTANCE TECHNOLOGY TO ACHIEVE COMPLIANCE WITH STRINGENT NFPA 285 REQUIREMENTS.

**Section 1: Summary**

**CONTENT INVENTORY**

|   |   |  |
|---|---|--|
| <p>Threshold per material</p> <p><input checked="" type="radio"/> 100 ppm</p> <p><input type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Per OSHA MSDS</p> <p><input type="radio"/> Other</p> | <p>Residuals and impurities considered in 1 of 1 materials</p> <p><input checked="" type="radio"/> see Section 2: Material Notes</p> <p><input checked="" type="radio"/> see Section 5: General Notes</p> | <p>Based on the selected Content Inventory Threshold:</p> <p>Characterized.....</p> <p>Are the Percent Weight and Role provided for all substances? <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Screened.....</p> <p>Are all substances screened using Priority Hazard Lists with results disclosed? <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p>Identified.....</p> <p>Are all substances disclosed by Name (Specific or Generic) and Identifier? <input checked="" type="radio"/> Yes <input type="radio"/> No</p> |
|---|---|--|

**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**

AB 17MR [ WATER **BM-4** LIMESTONE; CALCIUM CARBONATE **LT-UNK** 2-PROPENOIC ACID, POLYMER WITH BUTYL 2-PROPENOATE AND ETHENYL BENZENE **LT-UNK** ASPHALT **LT-1** | CAN ETHYLENE GLYCOL **BM-1** | MAM | DEV | END FATTY ACIDS, SOYA, EPOXIDIZED, ME ESTERS **LT-UNK** TITANIUM DIOXIDE **LT-1** | CAN 2-(2-BUTOXYETHOXY)ETHANOL **LT-UNK** | EYE SULFUR **LT-UNK** | SKI QUARTZ **LT-1** | CAN ]

Number of Greenscreen BM-4/BM3 contents..... 1

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): 100

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.

|  |                 |                                  |  |
|--|-----------------|----------------------------------|--|
| <input checked="" type="radio"/> Self-Published* | VERIFIER:       | SCREENING DATE: January 29, 2017 | EXPIRY DATE*: January 29, 2020                                 |
| <input type="radio"/> Third Party Verified       | VERIFICATION #: | RELEASE DATE: January 29, 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](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### AB 17MR

HPD URL: %: 100.0000 - 100.0000

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes:

#### WATER

ID: 7732-18-5

%: 30.0000 - 40.0000

GS: BM-4

RC: None

NANO: NO

ROLE: Solvent

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 25.0000 - 35.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Filler/film strengthener

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### 2-PROPENOIC ACID, POLYMER WITH BUTYL 2-PROPENOATE AND ETHENYLBENZENE

ID: 25586-20-3

%: 15.0000 - 25.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Waterproofing polymer

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### ASPHALT

ID: 8052-42-4

%: 1.0000 - 5.0000

GS: LT-1

RC: None

NANO: NO

ROLE: 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: Not used in road paving applications (not classified as a carcinogen by IARC)

**ETHYLENE GLYCOL**

ID: 107-21-1

%: 1.0000 - 5.0000

GS: BM-1

RC: None

NANO: NO

ROLE: Coalescing agent

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

|               |  |  |
|---------------|--|--|
| MAMMALIAN     | EU - R-phrases                                   | R22 - Harmful if Swallowed                                 |
| DEVELOPMENTAL | CA EPA - Prop 65                                 | Developmental toxicity                                     |
| DEVELOPMENTAL | US NIH - Reproductive & Developmental Monographs | Clear Evidence of Adverse Effects - Developmental Toxicity |
| ENDOCRINE     | TEDX - Potential Endocrine Disruptors            | Potential Endocrine Disruptor                              |

SUBSTANCE NOTES:

**FATTY ACIDS, SOYA, EPOXIDIZED, ME ESTERS**

ID: 68082-35-9

%: 1.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Plasticizer

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

|            |   |  |
|------------|---|--|
| None Found | No warnings found on HPD Priority lists |  |
|------------|---|--|

SUBSTANCE NOTES:

**TITANIUM DIOXIDE**

ID: 13463-67-7

%: 1.0000 - 5.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Pigment

**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 2B - Possibly carcinogenic to humans - inhaled from occupational sources |
|--------|------|--|

|        |     |  |
|--------|-----|--|
| CANCER | MAK | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value |
|--------|-----|--|

SUBSTANCE NOTES:

|                           |              |
|---------------------------|--------------|
| 2-(2-BUTOXYETHOXY)ETHANOL | ID: 112-34-5 |
|---------------------------|--------------|

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

|                 |                                   |
|-----------------|-----------------------------------|
| <b>HAZARDS:</b> | <b>AGENCY(IES) WITH WARNINGS:</b> |
|-----------------|-----------------------------------|

|                |                |                          |
|----------------|----------------|--------------------------|
| EYE IRRITATION | EU - R-phrases | R36 - Irritating to eyes |
|----------------|----------------|--------------------------|

|                |                         |                                      |
|----------------|-------------------------|--------------------------------------|
| EYE IRRITATION | EU - GHS (H-Statements) | H319 - Causes serious eye irritation |
|----------------|-------------------------|--------------------------------------|

SUBSTANCE NOTES:

|        |               |
|--------|---------------|
| SULFUR | ID: 7704-34-9 |
|--------|---------------|

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

|                 |                                   |
|-----------------|-----------------------------------|
| <b>HAZARDS:</b> | <b>AGENCY(IES) WITH WARNINGS:</b> |
|-----------------|-----------------------------------|

|                 |                |                          |
|-----------------|----------------|--------------------------|
| SKIN IRRITATION | EU - R-phrases | R38 - Irritating to skin |
|-----------------|----------------|--------------------------|

|                 |                         |                               |
|-----------------|-------------------------|-------------------------------|
| SKIN IRRITATION | EU - GHS (H-Statements) | H315 - Causes skin irritation |
|-----------------|-------------------------|-------------------------------|

SUBSTANCE NOTES:

|        |                |
|--------|----------------|
| QUARTZ | ID: 14808-60-7 |
|--------|----------------|

|                      |          |          |          |                         |
|----------------------|----------|----------|----------|-------------------------|
| %: Impurity/Residual | GS: LT-1 | RC: None | NANO: NO | ROLE: Impurity/Residual |
|----------------------|----------|----------|----------|-------------------------|

|                 |                                   |
|-----------------|-----------------------------------|
| <b>HAZARDS:</b> | <b>AGENCY(IES) WITH WARNINGS:</b> |
|-----------------|-----------------------------------|

|        |                                   |                         |
|--------|-----------------------------------|-------------------------|
| 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 |
|--------|-----|--|

### 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.