**Air-Bloc 32MR Health Product Declaration Page 1 of 6 created via: HPDC Online Builder**

**Section 1: Summary**

**CONTENT INVENTORY**

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

**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**

| AIR-BLOC 32MR | WATER | BM-4 | STYRENE BUTADIENE RUBBER (SBR) | LT-UNK | EXTRACTS, PETROLEUM, HEAVY NAPHTHENIC DISTILLATE SOLVENT | LT-1 | CALCIUM CARBONATE | LT-UNK | TITANIUM DIOXIDE | LT-1 | BUTYL BENZYL PHTHALATE (BBP) | LT-1 | AQU | DEV | REP | CAN | END | MUL | QUARTZ | LT-1 | CAN |

Number of Greenscreen BM-4/BM3 contents........ 1
Contents highest concern GreenScreen Benchmark or List translator Score............ LT-1
Nanomaterial.......................... No

**INVENTORY AND SCREENING NOTES:**

**VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

Material (g/l): 6.0
Regulatory (g/l): 7.0
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.

Self-Published*
VERIFIER: Screening Date: January 17, 2017
EXPIRY DATE*: January 17, 2020
Third Party Verified
VERIFICATION #: RELEASE DATE: January 17, 2017
* or within 3 months of significant change in product contents

*See HPDC website for details
### AIR-BLOC 32MR

**Inventory Threshold:** 100 ppm  
**Residuals Considered:** Yes  
**Material Notes:**

<table>
<thead>
<tr>
<th>Material</th>
<th>ID</th>
<th>% Range</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>7732-18-5</td>
<td>40.0000 - 60.0000</td>
<td>BM-4</td>
<td>None</td>
<td>NO</td>
<td>Solvent/Carrier</td>
</tr>
</tbody>
</table>

**HAZARDS:**

None Found  
No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**


<table>
<thead>
<tr>
<th>Material</th>
<th>ID</th>
<th>% Range</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>STYRENE BUTADIENE RUBBER (SBR)</td>
<td>9003-55-8</td>
<td>15.0000 - 25.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Polymer/protective film</td>
</tr>
</tbody>
</table>

**HAZARDS:**

None Found  
No warnings found on HPD Priority lists

**SUBSTANCE NOTES:**


<table>
<thead>
<tr>
<th>Material</th>
<th>ID</th>
<th>% Range</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXTRACTS, PETROLEUM, HEAVY NAPHTHENIC DISTILLATE SOLVENT</td>
<td>64742-11-6</td>
<td>5.0000 - 15.0000</td>
<td>LT-1</td>
<td>None</td>
<td>NO</td>
<td>Solvent/Carrier</td>
</tr>
</tbody>
</table>

**HAZARDS:**

- **CANCER**  
  - EU - R-phrases: R45 - May cause cancer  
  - EU - GHS (H-Statements): H350 - May cause 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
### LIMESTONE; CALCIUM CARBONATE

**ID:** 1317-65-3  
**%:** 3.0000 - 5.0000  
**GS:** LT-UNK  
**RC:** None  
**NANO:** NO  
**ROLE:** Film strengthener

#### HAzaRDS:

**AGENCY(IES) WITH WARNINGS:**

None Found  
No warnings found on HPD Priority lists

#### SUBSTANCE NOTES:

Contains less than 3% DMSO extractables - not classified as a carcinogen or a mutagen.

### TITANIUM DIOXIDE

**ID:** 13463-67-7  
**%:** 2.0000 - 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:

Not present as a respirable dust, therefore is not classified as a carcinogen.

### BUTYL BENZYL PHTHALATE (BBP)

**ID:** 85-68-7  
**%:** 1.0000 - 5.0000  
**GS:** LT-1  
**RC:** None  
**NANO:** NO  
**ROLE:** Plasticizer

#### HAzaRDS:

**AGENCY(IES) WITH WARNINGS:**

- **ACUTE AQUATIC**  
  **EU - R-phrases**  
  R50 - Very Toxic to Aquatic Organisms  
- **DEVELOPMENTAL**  
  **EU - R-phrases**  
  R61 - May cause harm to the unborn child  
- **REPRODUCTIVE**  
  **EU - R-phrases**  
  R62 - Possible risk of impaired fertility  
- **CANCER**  
  **US EPA - IRIS Carcinogens**  
  (1986) Group C - Possible human Carcinogen  
- **DEVELOPMENTAL**  
  **CA EPA - Prop 65**  
  Developmental toxicity
<table>
<thead>
<tr>
<th>Category</th>
<th>Source</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENDOCRINE</td>
<td>EU - Priority Endocrine Disrupters</td>
<td>Category 1 - In vivo evidence of Endocrine Disruption Activity</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>EU - SVHC Authorisation List</td>
<td>Toxic to reproduction - Banned unless Authorised</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>OSPAR - Priority PBTs &amp; EDs &amp; equivalent concern</td>
<td>Endocrine Disruptor - Substance of Possible Concern</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>OSPAR - Priority PBTs &amp; EDs &amp; equivalent concern</td>
<td>Endocrine Disruptor - Chemical for Priority Action</td>
</tr>
<tr>
<td>DEVELOPMENTAL</td>
<td>US NIH - Reproductive &amp; Developmental Monographs</td>
<td>Clear Evidence of Adverse Effects - Developmental Toxicity</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>US NIH - Reproductive &amp; Developmental Monographs</td>
<td>Some Evidence of Adverse Effects - Reproductive Toxicity</td>
</tr>
<tr>
<td>RESTRICTED LIST</td>
<td>US EPA - PPT Chemical Action Plans</td>
<td>TSCA Work Plan chemical - Action Plan in development</td>
</tr>
<tr>
<td>ACUTE AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H400 - Very toxic to aquatic life</td>
</tr>
<tr>
<td>CHRON AQUATIC</td>
<td>EU - GHS (H-Statements)</td>
<td>H410 - Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>DEVELOPMENTAL</td>
<td>EU - GHS (H-Statements)</td>
<td>H360Df - May damage the unborn child. Suspected of damaging fertility</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>EU - REACH Annex XVII CMRs</td>
<td>Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>ChemSec - SiN List</td>
<td>CMR - Carcinogen, Mutagen &amp;/or Reproductive Toxicant</td>
</tr>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class 3 - Severe Hazard to Waters</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>US EPA - PPT Chemical Action Plans</td>
<td>Reproductive effects</td>
</tr>
<tr>
<td>REPRODUCTIVE</td>
<td>EU - Annex VI CMRs</td>
<td>Reproductive Toxicity - Category 1B</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:**

**QUARTZ**

- ID: 14808-60-7
- %: Impurity/Residual
- GS: LT-1
- RC: None
- NANO: NO
- ROLE: Impurity/Residual

**HAZARDS:**

<table>
<thead>
<tr>
<th>Agency</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
</tbody>
</table>

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| 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 |

SUBSTANCE NOTES: This item is encapsulated in the liquid mixture and subsequently, the cured coating. It is not available as respirable dust during application.

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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.

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**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.

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**Section 5: General Notes**

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Air-Bloc 32MR Health Product Declaration Page 5 of 6 created via: HPDC Online Builder www.hpd-collaborative.org
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
- 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.