

CLASSIFICATION: 072726

created via: HPDC Online Builder

PRODUCT DESCRIPTION: ENVIRO-BARRIER™ VP is a single component, fluid applied, elastomeric membrane to provide a vapor permeable air and water barrier when applied to above grade wall assemblies. It cures to form a resilient, monolithic, fully adhered elastomeric membrane which resists air leakage and water penetration but allows vapor diffusion. Complies with NFPA 285 in various wall assemblies.

Section 1: Summary

Basic Method / Product Threshold

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
- Explanation(s) provided for Residuals/Impurities?
- Yes No

Are All Substances Above the Threshold Indicated:

- Characterized**
Percent Weight and Role Provided? Yes No
- Screened**
Using Priority Hazard Lists with Results Disclosed? Yes No
- Identified**
Name and Identifier Provided? 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.

Number of Greenscreen BM-4/BM3 contents..... 0
 Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1
 Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

ENVIROBARRIER VP VAPOR PERMEABLE AIR BARRIER | STYRENE
 ACRYLIC POLYMER NoGS LIMESTONE; CALCIUM CARBONATE
 (LIMESTONE; CALCIUM CARBONATE) LT-UNK TITANIUM DIOXIDE
 (TITANIUM DIOXIDE) LT-1 | CAN | END DEFOAMER NoGS | CAN
 DISPERSANT NoGS BIOCID 2 NoGS | THICKENER NoGS SURFACTANT
 NoGS | PHTHALO BLUE NoGS BIOCID 1 NoGS |]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*
 No certifications have been added to this HPD.

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared
 VERIFIER:
 VERIFICATION #:

SCREENING DATE: 2017-12-22
 PUBLISHED DATE: 2017-12-22
 EXPIRY DATE: 2020-12-22

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, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

ENVIROBARRIER VP VAPOR PERMEABLE AIR BARRIER

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: There is very little to no potential for residuals or impurities through the manufacturing of this product.

OTHER PRODUCT NOTES:

STYRENE ACRYLIC POLYMER

ID: **Undisclosed**

#: **48.0000 - 48.0000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Binder**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

LIMESTONE; CALCIUM CARBONATE (LIMESTONE; CALCIUM CARBONATE)

ID: **1317-65-3**

#: **47.0000 - 47.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **White Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

TITANIUM DIOXIDE (TITANIUM DIOXIDE)

ID: **13463-67-7**

#: **0.8000 - 0.8000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **White 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

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

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

SUBSTANCE NOTES:

DEFOAMER

ID: **Undisclosed**

#: **0.5000 - 0.5000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Defoamer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

Japan - GHS

Carcinogenicity - Category 1B

SUBSTANCE NOTES:

DISPERSANT

ID: **Undisclosed**

#: **0.3000 - 0.3000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Dispersant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

BIOCIDE 2

ID: **Undisclosed**

#: **0.3000 - 0.3000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Biocide**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN

Japan - GHS

Acute toxicity (oral) - Category 5

MAMMALIAN

Japan - GHS

Acute toxicity (dermal) - Category 5

SKIN IRRITATION

Japan - GHS

Skin corrosion / irritation - Category 2

EYE IRRITATION

Japan - GHS

Serious eye damage / eye irritation - Category 1

SUBSTANCE NOTES:

THICKENER

ID: **Undisclosed**

#: **0.3000 - 0.3000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Thickener**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SURFACTANT

ID: **Undisclosed**

%: **0.2000 - 0.2000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Surfactant**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

SKIN IRRITATION Japan - GHS Skin corrosion / irritation - Category 2

EYE IRRITATION Japan - GHS Serious eye damage / eye irritation - Category 1

SUBSTANCE NOTES:

PTHALO BLUE

ID: **Undisclosed**

%: **0.2000 - 0.2000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Blue Pigment**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

BIOCID 1

ID: **Undisclosed**

%: **0.1000 - 0.1000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Biocide**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN Japan - GHS Acute toxicity (oral) - Category 4

SKIN IRRITATION Japan - GHS Skin corrosion / irritation - Category 1B

EYE IRRITATION Japan - GHS Serious eye damage / eye irritation - Category 1

SKIN SENSITIZE Japan - GHS Skin sensitizer - Category 1

SUBSTANCE NOTES:

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.

X-SEAL TRANSITION MEMBRANE

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:
For all installations

Section 5: General Notes

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Hohmann & Barnard**
ADDRESS: **30 Rasons Court**
Hauppauge NY 11788, USA
WEBSITE: **www.h-b.com**

CONTACT NAME: **Jeremy Douglas**
TITLE: **Director of Architectural Services**
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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	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)	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.