

CLASSIFICATION: 071352

PRODUCT DESCRIPTION: TERM® Underslab Water/Termite Barrier is a strong sheet barrier with 8.5 mils high strength cross-laminated polyethylene backing topped with a 69-mil thick layer of TERM barrier sealant integrated into a high strength non-woven geotextile fabric. Total membrane thickness is factory controlled at 95 mils. On the fabric side, a 4" wide lap of waterproofing adhesive compound is left exposed along one edge with a removable silicone coated release sheet. This adhesive is exposed just prior to the installation of the adjacent roll, which creates a 4" wide self adhesive overlap seam.

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 Yes No

Percent Weight and Role Provided?

Screened Yes No

Using Priority Hazard Lists with Results Disclosed?

Identified Yes No

Name and Identifier Provided?

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

[TERM® UNDERSLAB WATER](#)|[TERMITE BARRIER](#) [[ASPHALT / BITUMENS](#)
[LT-1](#) | [CAN](#) [CALCIUM CARBONATE](#) [BM-3](#) [POLYETHYLENE](#) [LT-UNK](#)
[STYRENE BUTADIENE RUBBER \(SBR\)](#) [LT-UNK](#) [BENZENE, ETHENYL-,](#)
[POLYMER WITH 2-METHYL-1,3-BUTADIENE](#) [LT-UNK](#) [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:

Only residuals or impurities that are above the 1000 ppm threshold were reported.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: VOC content data is not applicable for this product category."
Other: none

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-10-26

PUBLISHED DATE: 2018-10-26

EXPIRY DATE: 2021-10-26



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

TERM® UNDERSLAB WATER|TERMITE BARRIER

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Only residuals or impurities that are above the 1000 ppm threshold were reported.

OTHER PRODUCT NOTES: None

ASPHALT / BITUMENS

ID: 8052-42-4

#: 60.0000 - 66.0000 GS: LT-1 RC: None NANO: No ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER IARC Group 2B - Possibly carcinogenic to humans

CANCER CA EPA - Prop 65 Carcinogen

CANCER US CDC - Occupational Carcinogens Occupational Carcinogen

CANCER IARC Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

CANCER MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: This raw material is an integral part of the finished product.

CALCIUM CARBONATE

ID: 471-34-1

#: 12.0000 - 18.0000 GS: BM-3 RC: None NANO: No ROLE: filler

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This raw material is an integral part of the finished product.

POLYETHYLENE

ID: 9002-88-4

#: 8.0000 - 12.0000 GS: LT-UNK RC: None NANO: No ROLE: Backing

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This raw material is an integral part of the finished product.

STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

#: 4.0000 - 8.0000 GS: LT-UNK RC: None NANO: No ROLE: Product flexibility

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This raw material is an integral part of the finished product.

BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-BUTADIENE

ID: 25038-32-8

#: 3.0000 - 7.0000 GS: LT-UNK RC: None NANO: No ROLE: Product flexibility

HAZARDS: AGENCY(IES) WITH WARNINGS:

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES: This raw material is an integral part of the finished product.

QUARTZ

ID: 14808-60-7

#: Impurity/Residual GS: LT-1 RC: None NANO: No ROLE: Impurity/Residual

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 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
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
CANCER	Japan - GHS	Carcinogenicity - Category 1A
CANCER	Australia - GHS	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: This raw material is an integral part of the finished product.

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.

VOC EMISSIONS

VOC content data is not applicable for this product category."

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **Internal**

APPLICABLE FACILITIES: **All**

10-26

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **VOC content data is not applicable for this product category."**

OTHER

none

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2018-**

EXPIRY DATE:

CERTIFIER OR LAB: **Internal**

APPLICABLE FACILITIES: **All**

10-26

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **VOC content data is not applicable for this product category."**

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.

POLYGUARD 650 LT LIQUID ADHESIVE

HPD URL: http://www.polyguardproducts.com/wp-content/uploads/2018/01/HPD-650_LT_Liquid_Adhesive.pdf

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Use for installation of this membrane

TERM WATER/TERMITE/SEALANT BARRIER

HPD URL: http://www.polyguardproducts.com/wp-content/uploads/2018/01/HPD-TERM_Foundation_Barrier.pdf

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Used for sealing slab penetrations.

POLYGUARD 650 MASTIC

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

It is used to waterproof exposed edges of TERM Barrier products.

POLYGUARD DETAIL SEALANT

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Use with Polyguard Barrier to eliminate double-ply sheet on inside and outside corners or as a fillet on inside corners, Polyguard Detail Sealant insures adhesion to concrete in difficult areas to seal.

Section 5: General Notes

Reviewed the SDS for all raw materials used in the production of this product. Performed calculations to determine the percentage of each component including the residuals and impurities. Only reported residuals or impurities that were above the 1000 ppm threshold.



MANUFACTURER INFORMATION

MANUFACTURER: **Polyguard Products**

ADDRESS: **4101 South I-45**

Ennis TX 75119, US

WEBSITE: **www.polyguardproducts.com**

CONTACT NAME: **John Muncaster**

TITLE: **CEO**

PHONE: **214-515-5000**

EMAIL: **John@polyguard.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)

NoGS 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 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.