

CLASSIFICATION: 031521

created via: HPDC Online Builder

PRODUCT DESCRIPTION: TERM Isolation Joint Barrier is a “peel and stick” termite barrier composite used for sealing isolation joints (cold joints) before pour of a new slab which butts against an interior slab. ADVANTAGES TERM Isolation Joint Barrier is a non-structural barrier which, when properly constructed as part of the building envelope, acts as a barrier to termites entering the structure through cold joints.

Section 1: Summary

Basic Method / Material 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.

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

TERM ISOLATION JOINT [ ASPHALT LT-1 | CAN CALCIUM CARBONATE LT-  
UNK BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-BUTADIENE LT-  
UNK STYRENE BUTADIENE RUBBER (SBR) LT-UNK POLYETHYLENE LT-  
UNK NYLON 6,6 LT-UNK NAPHTHA (PETROLEUM), LIGHT STEAM-  
CRACKED AROM., PIPERYLENE CONC., POLYMD. LT-UNK STEEL  
MANUFACTURE, CHEMICALS LT-UNK ]

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:

All component hazards listed are based on individual compounds not the entire product. The components listed below are blended together to form a sheet product which is classified as an article under GHS.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

Other: None

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2016-11-18  
PUBLISHED DATE: 2017-08-29  
EXPIRY DATE: 2019-11-18

## 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](http://www.hpd-collaborative.org/hpd-2-1-standard)

### TERM ISOLATION JOINT

MATERIAL THRESHOLD: Other

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: TERM Isolation Joint Barrier consists of a laminated elastomeric membrane which has a TERM Sealant Barrier adhesive on both sides. The exposed adhesive faces of TERM Isolation Joint Barrier are covered by a disposable treated release sheet, which can be peeled away to expose the adhesive face. cm). Embedded within the TERM Isolation Joint Barrier is a 4" wide stainless steel screen.

#### ASPHALT

ID: 8052-42-4

#: 60.0000 - 70.0000 GS: LT-1 RC: None NANO: No ROLE: Binder

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: Note this material is not in the molten stage, which generates hazardous asphalt fumes. This raw material is combined with styrenated polymers and fillers, then laminated to create a sheet layer of adhesive sealant which is applied to the structure at ambient temperatures. The finished product is applied, and functions during its' lifetime, at ambient temperatures.

#### CALCIUM CARBONATE

ID: 1317-65-3

#: 9.0000 - 15.0000 GS: LT-UNK 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 product and does not appear in a respirable form.

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

ID: 25038-32-8

#: 4.0000 - 10.0000 GS: LT-UNK RC: None NANO: No ROLE: Product performance and flexibility

HAZARDS:	AGENCY(IES) WITH WARNINGS:
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None Found

No warnings found on HPD Priority lists

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

### STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

#: **3.0000 - 9.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Product performance and flexibility**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No residuals or impurities are listed on the Supplier's SDS. This raw material is an integral part of the product.

### POLYETHYLENE

ID: 9002-88-4

#: **1.0000 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Protective layer**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This material is used as a protective layer between the environment and the exposed adhesive layers. It's function is to prevent the adhesive layer from becoming contaminated with dirt and prevent products from adhering to each other. During installation of the Term Isolation Joint, this layer is removed and discarded.

### NYLON 6,6

ID: 32131-17-2

#: **0.5000 - 1.5000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Product strength**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: No residuals or impurities are listed on the SDS.

### NAPHTHA (PETROLEUM), LIGHT STEAM-CRACKED AROM., PIPERYLENE CONC., POLYMD.

ID: 68478-07-9

#: **0.2000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Tack enhancer**

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. It does not appear in the form of a respirable dust.

### STEEL MANUFACTURE, CHEMICALS

ID: 65997-19-5

#: **0.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Structural support for product**

HAZARDS:	AGENCY (IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Material is a stainless steel mesh.

### 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.*

OTHER	None
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2017-08-24
APPLICABLE FACILITIES: All	EXPIRY DATE:
CERTIFICATE URL:	CERTIFIER OR LAB: None
CERTIFICATION AND COMPLIANCE NOTES: Material is a solid.	

### 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.*

<b>POLYGUARD 650LT LIQUID ADHESIVE</b>	HPD URL: <b>No HPD link provided</b>
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Polyguard 650 LT Liquid Adhesive is a fast drying, high tack rubber based adhesive used on horizontal and vertical surfaces at temperatures above 30°F (-1°C). Use with all applications of the TERM Isolation Joint product.	

### 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.

### Section 6: References

#### MANUFACTURER INFORMATION

MANUFACTURER: **Polyguard Products**

CONTACT NAME: **John Muncaster**

**KEY**

<b>OSHA MSDS</b>	Occupational Safety and Health Administration Material Safety Data Sheet
<b>GHS SDS</b>	Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

## Hazard Types

<b>AQU</b> Aquatic toxicity	<b>GLO</b> Global warming	<b>PHY</b> Physical Hazard (reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive toxicity
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple hazards	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>OZO</b> Ozone depletion	<b>LAN</b> Land Toxicity
<b>GEN</b> Gene mutation	<b>PBT</b> Persistent Bioaccumulative Toxic	<b>NF</b> Not found on Priority Hazard Lists

## GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

## Recycled Types

<b>PreC</b> Preconsumer (Post-Industrial)
<b>PostC</b> Postconsumer
<b>Both</b> Both Preconsumer and Postconsumer
<b>Unk</b> Inclusion of recycled content is unknown
<b>None</b> 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.*