

Name PERMAX 0.5 - B Component

Product ID RT309001

Classification

07 27 36.00 Thermal and Moisture Protection (insulation water barrier):  
Sprayed Foam Air Barrier



Website www.henry.com

Manufacturer Henry Company  
Address 999 N. Sepulveda Blvd.  
El Segundo, CA 90245

Name Whitney Randall  
Title Director, Regulatory Compliance Systems  
Phone 484-557-1247  
Email wrandall@henry.com

Description Part B of a two component, polyurethane, spray foam system.

Release Date 2014-01-25

Expiry Date 2017-01-25

HPD URL <http://tool.hpdcollaborative.org/uploads/files/hpds/335/472-20140125165948.pdf>

Self-declared

Second Party

Third Party

Certifier

Certificate #

## SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

### Residuals Disclosure

- measured 100 ppm (ideal)
- measured 1000 ppm
- predicted by process chemistry
- as per MSDS (10,000 ppm)
- not disclosed
- other

### Full Disclosure of Intentional Ingredients

Yes  No

### Full Disclosure of Known Hazards

Yes  No

### Notes

## Contents in Descending Order of Quantity

POLYETHER POLYOL , TRIS(1-CHLORO-2-PROPYL)PHOSPHATE (TCPP, TMCP) , Polyethylene glycol nonylphenyl ether , N,N,N'-TRIMETHYLAMINOETHYL ETHANOLAMINE , BIS(2-(DIMETHYLAMINO)ETHYL) ETHER

### Hazards

- PBT (Persistent Bioaccumulative Toxic)
- Cancer
- Gene Mutation
- Development
- Reproductive
- Endocrine
- Respiratory

### Highest concern GreenScreen score - Possible Benchmark 1

- Neurotoxicity
- Mammal
- Skin or Eye
- Aquatic toxicity
- Land toxicity
- Physical hazard
- Global warming
- Ozone depletion
- Multiple
- Unknown

### Total VOC Content

Material (g/L) N/A

Regulatory (g/L) N/A

Does the product contain exempt VOCs?

N/A  Yes  No

Are there VOC-free tints available?

N/A  Yes  No

### Notes

## Certifications + Compliance

VOC Emissions Not tested

VOC Content N/A

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an "open standard" developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit [hpdcollaborative.org](http://hpdcollaborative.org).

## CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at [www.hpdcollaborative.org/hazardlists](http://www.hpdcollaborative.org/hazardlists).

**GS:** GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard	Warnings					Notes
<b>POLYETHER POLYOL</b>	9082-00-2	20 - 40 %	U	N	N	Urethane component
None found	No warnings found on HPD Priority lists					
<b>TRIS(1-CHLORO-2-PROPYL)PHOSPHATE (TCPP, TMCP)</b>	13674-84-5	15 - 25 %	U	N	N	Flame retardant
PBT	San Antonio: Flame retardant substance class of concern for PB&T & long range transport					
<b>Polyethylene glycol nonylphenyl ether</b>	9016-45-9	15 - 25 %	P1	N	N	Foaming aid
ENDOCRINE	EU ED: Category 1 - In vivo evidence of endocrine disruption activity (also in OSPAR, SIN)					
MULTIPLE	VwWvS: Class 2 Hazard to Waters (also in EPA Action)					
PBT	OSPAR: PBT - Chemical for Priority Action					
DEVELOPMENTAL	EPA Action: Developmental Effects					
REPRODUCTIVE	EPA Action: Reproductive effects					
CHRON AQUATIC	EPA Action: Highly toxic to aquatic organisms					
<b>N,N,N'-TRIMETHYLAMINOETHYL ETHANOLAMINE</b>	2212-32-0	3 - 7 %		N	N	Catalyst
None found	No warnings found on HPD Priority lists					
<b>BIS(2-(DIMETHYLAMINO)ETHYL) ETHER</b>	3033-62-3	1 - 5 %	P1	N	N	Catalyst
MULTIPLE	VwWvS: Class 2 Hazard to Waters					

## CERTIFICATIONS AND COMPLIANCE

**Certifying Party** = First: Manufacturer's self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

**Applicable facilities** = Manufacturing sites to which testing applies.

Type	Standard or Certification	Certifier or Laboratory

	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			Notes
VOC Emissions	Not tested			
VOC Content	N/A			
Recycled Content	Not tested			
Other				

**ACCESSORY MATERIALS**

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products. Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
<b>Condition when required or recommended and/or other notes</b>	
PERMAX - A Component	<a href="http://tool.hpdcollaborative.org/uploads/files/hpds/335/481-20140125122551.pdf">tool.hpdcollaborative.org/uploads/files/hpds/335/481-20140125122551.pdf</a>
This product is one part of a two-part system and is required for all installations.	

**NOTES**