

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 Name Whitney Randall
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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
Certifier Certify
Certificate #

SUMMARY DISCLOSURE

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

Residuals Disclosure Full Disclosure of Intentional Ingredients
measured 100 ppm (ideal) Full Disclosure of Known Hazards
measured 1000 ppm
predicted by process chemistry
as per MSDS (10,000 ppm)
not disclosed
other

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 Highest concern GreenScreen score - Possible Benchmark 1
PBT (Persistent Bioaccumulative Toxic)
Cancer
Gene Mutation
Development
Reproductive
Endocrine
Respiratory
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?
Are there VOC-free tints available?

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.

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.

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
POLYETHER POLYOL	9082-00-2	20 - 40 %	U	N	N	Urethane component
None found	No warnings found on HPD Priority lists					
TRIS(1-CHLORO-2-PROPYL)PHOSPHATE (TCPP, TMCP)	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					
Polyethylene glycol nonylphenyl ether	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	VwWwS: 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					
N,N,N'-TRIMETHYLAMINOETHYL ETHANOLAMINE	2212-32-0	3 - 7 %		N	N	Catalyst
None found	No warnings found on HPD Priority lists					
BIS(2-(DIMETHYLAMINO)ETHYL) ETHER	3033-62-3	1 - 5 %	P1	N	N	Catalyst
MULTIPLE	VwWwS: 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
Condition when required or recommended and/or other notes	
PERMAX - A Component	tool.hpdcollaborative.org/uploads/files/hpds/335/481-20140125122551.pdf
This product is one part of a two-part system and is required for all installations.	

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