

Name PERMAX - A Component



Product ID RT100101 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 A of a two component, polyurethane, spray foam system.

Release Date 2014-01-25 Self-declared
Expiry Date 2017-01-25 Second Party Certifier
HPD URL <http://tool.hpdcollaborative.org/uploads/files/hpds/335/481-20140125122551.pdf> Third Party 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

POLYMERIC MDI (PMDI) , METHYLENE BISPHENYL DIISOCYANATE (PURE MDI) , DIPHENYLMETHANE DIISOCYANATE (MDI) - NON ISOMER SPECIFIC

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

Highest concern GreenScreen score - Unspecified 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 Does the product contain exempt VOCs? N/A Yes No
Regulatory (g/L) N/A 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.

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
POLYMERIC MDI (PMDI)	9016-87-9	50 - 60 %	U	N	N	Curing agent
CANCER	MAK: Carcinogen Group 4 - Non genotoxic carcinogen with low risk under MAK/BAT levels					
RESPIRATORY	MAK: Sensitizing Substance Sah - Danger of airway & skin sensitization (also in EPA Action)					
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published					
METHYLENE BISPHENYL DIISOCYANATE (PURE MDI)	101-68-8	35 - 45 %	U	N	N	Curing agent
CANCER	EU H-Statements: H351 Suspected of causing cancer (also in MAK)					
RESPIRATORY	AOEC: Asthmagen (AG) - generally accepted (also in EU H-Statements, MAK, EPA Action)					
EYE IRRITATION	EU H-Statements: H319 Causes serious eye irritation					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction					
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published					
DIPHENYLMETHANE DIISOCYANATE (MDI) - NON ISOMER SPECIFIC	26447-40-5	1 - 5 %	U	N	N	Curing agent
CANCER	EU H-Statements: H351 Suspected of causing cancer					
RESPIRATORY	EU H-Statements: H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled (also in EPA Action)					
EYE IRRITATION	EU H-Statements: H319 Causes serious eye irritation					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction					
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published					

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	

NOTES