

Name Havelock Wool Loose Fill Insulation



Product ID 01
Website www.havelockwool.com

Classification

Manufacturer Havelock Wool, LLC
Address 1211 Folsom
San Francisco, CA 94103

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Description Havelock Wool delivers a truly renewable and sustainable insulation product designed to meet the growing demand amongst environmentally aware consumers and energy utilities striving to achieve higher efficiency homes. Our product is 100% wool and produced in both blow-in and batt form.

Release Date 2014-09-30
Expiry Date 2017-09-30
HPD URL <https://tool.hpdcollaborative.org/uploads/files/hpds/699/1252-20140930150730.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 (1,000 & 10,000 ppm)
- Not disclosed
- Other

Full Disclosure of Intentional Ingredients

Yes No

Full Disclosure of Known Hazards

Yes No

Disclosure Notes

We have not tested for residuals. We source wool from farms in NZ, it is scoured (cleaned) in NZ when a small amount of boric acid is added to repel insects and serve as a slight fire retardant. Our manufacturing process consists of woolen carding machines and packaging. Nothing more, nothing less.

Contents in Descending Order of Quantity

BORIC ACID

Hazards

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

Highest concern GreenScreen score - List Translator 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?
Are there VOC-free tints available?

N/A Yes No
 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 A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
BORIC ACID	10043-35-3	4 %	LT-1	U	N	insect repellent / flame retardant
DEVELOPMENTAL	EU R-Phrases: R61: May cause harm to the unborn child. (also in MAK)					
REPRODUCTIVE	EU R-Phrases: R60: May impair fertility. (also in EU H-Statements, EU SVHC, EU CMR (2))					
ENDOCRINE	EU ED: Category 1 - In vivo evidence of endocrine disruption activity (also in TEDX)					
MULTIPLE	SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant)					

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

Havelock Wool loose fill insulation is blown in by commercial installers using air. It can also be installed by hand, which is to say there is nothing in the blowing mechanism that changes wool's insular characteristics.