

Name EnergyGuard Insulation



Product ID EnergyGuard Insulation Classification 07 22 00.00 Thermal and Moisture Protection (insulation water barrier): Roof and Deck Insulation

Website www.gaf.com/Roofing/Commercial/Products/Roof_Insulation_And_Fastening_Systems/EnergyGuard_Insulation

Manufacturer GAF Contact Name Martin Grohman
Address 1361 Alps Road Title Director of Sustainability
Wayne, NJ 07470 Phone 973-872-4300
Email mgrohman@gaf.com

Description EnergyGuard™ Polyiso Insulation board is made of glass fiber reinforced cellulosic felt facers bonded to a core of isocyanurate foam.

Release Date 2015-11-02 Expiry Date 2018-11-02
HPD URL https://builder.hpd-collaborative.org/uploads/files/hpds/261/192-20151102215237.pdf
Certification: 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 1000 ppm
Full Disclosure of Intentional Ingredients: Yes
Full Disclosure of Known Hazards: Yes
Disclosure Notes: N/A

Contents in Descending Order of Quantity

POLYMERIC MDI (PMDI), Cellulose, 1,2-PROPYLENEGLYCOL, ETHOXYLATED AND PROPOXYLATED, PENTANE, TRIS(1-CHLORO-2-PROPYL)PHOSPHATE (TCPP, TMCP), 2-ETHYLHEXANOIC ACID, POTASSIUM SALT, 134737-27-2, POTASSIUM ACETATE, WATER, Tertiary Amine, DIETHYLENE GLYCOL, TRIETHYLENE GLYCOL, Tetraethylene glycol

Hazards: PBT (Persistent Bioaccumulative Toxic), Cancer, Gene Mutation
Development, Reproductive, Endocrine, Respiratory
Highest concern GreenScreen score - List Translator Possible Benchmark 1: Neurotoxicity, Mammal, 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
Are there VOC-free tints available? N/A

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						
POLYMERIC MDI (PMDI)	9016-87-9	38 - 40 %	LT-U	N	N	Component of Two-Part Foam
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					
Polymeric MDI						
Cellulose	65996-61-4	32.6 %		PC	N	Facer
None found	No warnings found on HPD Priority lists					
Percentage provided for 1" thick product						
1,2-PROPYLENEGLYCOL, ETHOXYLATED AND PROPOXYLATED	53637-25-5	19 %	LT-U	U	N	Component of two-part foam
None found	No warnings found on HPD Priority lists					
CAS 111-46-6 CAS 112-27-6 CAS 112-60-7						
PENTANE	109-66-0	5 %	LT-P1	N	N	Blowing Agent
MAMMALIAN	EU H-Statements: H304: May be fatal if swallowed and enters airways					
ACUTE AQUATIC	EU R-Phrases: R51: Toxic to aquatic organisms.					
CHRON AQUATIC	EU H-Statements: H411 - Aquatic Chronic 2 - Toxic to aquatic life with long lasting effects					

FLAMMABLE	EU H-Statements: H225 Highly flammable liquid and vapour.						
MULTIPLE	VwWwS: Class 2 Hazard to Waters						
N/A							
TRIS(1-CHLORO-2-PROPYL)PHOSPHATE (TCPP, TMCP)	13674-84-5	2.2 %	LT-U	N	N	Fire Retardant	
MULTIPLE	EPA Action: TSCA Work Plan chemical - ongoing chemical (risk) assessment						
PBT	San Antonio: Flame retardant substance class of concern for PB&T & long range transport						
N/A							
2-ETHYLHEXANOIC ACID, POTASSIUM SALT	3164-85-0	1.4 - 1.6 %	LT-U	U	N	Gel Catalyst	
None found	No warnings found on HPD Priority lists						
Gel Catalyst							
134737-27-2	134737-27-2	0.5 - 0.7 %		U	N	Surfactant	
None found	No warnings found on HPD Priority lists						
Surfactant CAS number not in system 1,2-Propanediol, polymer with ethyloxirane and oxirane, potassium salt							
POTASSIUM ACETATE	127-08-2	0.25 - 0.35 %	LT-U	N	N	Gel Catalyst	
None found	No warnings found on HPD Priority lists						
N/A							
WATER	7732-18-5	0.15 %	4	N	N	Co-Blowing Agent	
None found	No warnings found on HPD Priority lists						
N/A							
Tertiary Amine	83855-86-1	0.07 - 0.09 %		U	N	Polyurethane Foam Catalyst	
None found	No warnings found on HPD Priority lists						
Polyurethane Foam Catalyst							
DIETHYLENE GLYCOL	111-46-6	R	LT-U			Monomer	
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.						
Diethylene Glycol							
TRIETHYLENE GLYCOL	112-27-6	R	LT-P1			Monomer	
DEVELOPMENTAL	MAK: Pregnancy Risk Group B						
Triethylene Glycol							
Tetraethylene glycol	112-60-7	R	LT-U			Monomer	
None found	No warnings found on HPD Priority lists						
Tetraethylene Glycol							

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

Material is available in a range of thickness. Values provided for 1" thickness.