

Johns Manville Unfaced Formaldehyde-free™ Fiberglass Insulation (U.S.A. manufacturing facilities) by Johns Manville

SCREENING DATE: 2025-12-10
PUBLISHED DATE: 2026-01-21
EXPIRY DATE: 2028-12-10
PREPARER: Self-Prepared

Health Product Declaration v3.0
created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 2550461922304
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 07 21 16 Blanket Insulation
PRODUCT DESCRIPTION: Johns Manville Formaldehyde-free™ Unfaced thermal and acoustical insulation offers R-Values of up to R-49 and is offered in precut batts to fit standard wall cavities or rolls for custom installation in any size cavity. Unfaced insulation reduces sound transmission through walls, ceilings and floors, and can be used in a variety of wood frame, engineered wood and steel frame construction applications, including new construction and retrofit. This Health Product Declaration covers all unfaced formaldehyde-free fiberglass insulation products manufactured at the following facilities: McPherson, KS; Penbryn, NJ; Richmond, IN; Willows, CA; and Winder, GA.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format → Nested Materials Method	Residuals/Impurities Evaluation Completed in 4 of 4 Materials	For all contents above the threshold, the manufacturer has:
Threshold Disclosed Per → Product	Explanation(s) provided for Residuals/Impurities? Yes	Characterized Provided weight and role. Yes
Threshold Level → 1,000 ppm		Screened Provided screening results using HPDC-approved methods. No
		Identified Provided name and CAS RN or other identifier. No

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details. Nested Material Material or Substance Residual or Impurity Greenscreen Score Hazard Type Fiberglass [Fiber Glass, Biosoluble and/or with Alkaline Oxide and Alkali Earth Oxide Content ≤18 % by Weight LT-UNK] Acrylic Binder [Acrylic Polymers NoGS] Dust Control Agent [Vegetable Oil NoGS] Antistatic Process Aid [Polyethylene Glycol LT-UNK]	Number of Greenscreen BM-4/BM3 contents ... 0 Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None Nanomaterial ... No Inventory and Screening Notes: Special Conditions applied: [Polymers] Threshold screened at 1000 ppm per product. Nested materials used.
---	--

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.	Compliance See Section 3 for additional listings. VOC emissions: UL/GreenGuard Gold Certified Environmental Claims Validation - Environmentally Preferable Insulation: SCS Environmental Claims Validation - Environmentally Preferable Insulation Formaldehyde content: UL Environmental Claim Validation - Formaldehyde Free Multi-attribute: EcoLogo CCD 016 -Thermal Insulation Materials Consistency with Other Programs No pre-checks completed or disclosed.
---	--

Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

FIBERGLASS		%: 91.0900 - 96.8100		
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes		MATERIAL TYPE: Glass
RESIDUALS AND IMPURITIES NOTES: Raw materials all converted to glass fibers and do not have any known impurities.				
OTHER MATERIAL NOTES: Composition range covers all products.				
FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT				ID: 65997-17-3
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-12-10 15:48:00	
%: 100.0000 - 100.0000	GreenScreen: LT-UNK	RC: Both	NANO: No	SUBSTANCE ROLE: Glass component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex V listing due to intrinsic safety		
SUBSTANCE NOTES: Johns Manville biosoluble (non-biopersistent) fiberglass fibers meet one or more of the the 'Note Q' conditions under the Classification, Labelling and Packaging (CLP) Regulation ((EC) No 1272/2008).				

ACRYLIC BINDER		%: 2.4900 - 7.9400	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: JM uses a formaldehyde-free acrylic based thermosetting binder.			
OTHER MATERIAL NOTES: The cured binder holds the fiberglass fibers together.			

ACRYLIC POLYMERS				ID: 9065-11-6	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-12-10 15:48:01		
%: 100.0000 - 100.0000	GreenScreen: NoGS	RC: None	NANO: No	POLYMER ROLE: Binder	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
POLYMER TYPE: Crosslinked thermoset					
AVERAGE MOLECULAR WEIGHT : Unknown					
PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: 0%					
ADDITIONAL SUBSTANCES CONSIDERED: Yes					
POLYMER NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.					
ADDITIONAL NOTES:					

DUST CONTROL AGENT

%: 0.6400 - 0.7400

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: No known hazardous impurities present in this plant-based raw material.		
OTHER MATERIAL NOTES: Dust control agent.		

VEGETABLE OIL				ID: Undisclosed	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-12-10 15:48:01		
%: 100.0000 - 100.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Dedusting	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: This vegetable oil consists of modified soybean oil.					

ANTISTATIC PROCESS AID

%: 0.0200 - 0.2300

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities disclosed.

OTHER MATERIAL NOTES: Anti-static process aid used to reduce or eliminate buildup of static electricity.

POLYETHYLENE GLYCOL

ID: 25322-68-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-12-10 15:48:02

%: 99.0100 - 100.0000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Anti-static

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Some Solvents

SUBSTANCE NOTES:

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS		UL/GreenGuard Gold Certified	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL LLC COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: McPherson, KS, United States; Penbryn, NJ, United States; Richmond, IN, United States; Willows, CA, United States; Winder, GA, United States COMPLIANCE URL: https://spot.ul.com/main-app/products/detail/5ad1ea7255b0e82d946a4bba? COMPLIANCE NOTES: Document #: 42803-420		ISSUE DATE: 2013-08-15 EXPIRY DATE: 2026-08-27	
MULTI-ATTRIBUTE		SCS Environmental Claims Validation - Environmentally Preferable Insulation	
COMPLIANCE TYPE: Third Party CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global Services COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: 5916 County Road 49, Willows, CA, United States COMPLIANCE URL: https://cdn.scscertified.com/products/cert_pdfs/Johns%20Manville_2025_SCS-EPI-02458.pdf COMPLIANCE NOTES: Certificate Number: SCS-EPI-02458 ENVIRONMENTAL CLAIMS VALIDATION Environmentally Preferable Insulation Conforms to the U.S. Environmental Protection Agency Region 9 and Alameda County, State of California specifications for Environmentally Preferable Insulation (May 2012). The VOC emissions of these products conform to California Specification 01350 (Standard Method v1.2, effective January 1, 2012) for the school classroom, private office, and single-family residence parameters. See SCS Certificates: SCS-IAQ-02088 and SCS-IAQ-02107. The products contain a Minimum of 36% Post-Consumer Recycled Content. See SCS Certificate: SCS-MC-02455.		ISSUE DATE: 2025-09-01 EXPIRY DATE: 2026-08-31	
FORMALDEHYDE CONTENT		UL Environmental Claim Validation - Formaldehyde Free	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL LLC COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: McPherson, KS, United States; Penbryn, NJ, United States; Richmond, IN, United States; Willows, CA, United States; Winder, GA, United States COMPLIANCE URL: https://spot.ul.com/main-app/products/detail/5ad1ea7255b0e82d946a4bba? COMPLIANCE NOTES: Document #: 42803-4370		ISSUE DATE: 2013-08-15 EXPIRY DATE: 2026-08-15	
MULTI-ATTRIBUTE		EcoLogo CCD 016 -Thermal Insulation Materials	

COMPLIANCE TYPE: Third-party certification

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL LLC

COMPLIANCE DETAILS:

COMPLIANCE SCOPE: Product

APPLICABLE FACILITIES: McPherson, KS, United States; Penbryn, NJ, United States; Richmond, IN, United States; Willows, CA, United States; Winder, GA, United States

COMPLIANCE URL: https://spot.ul.com/main-app/products/detail/5ad1ea3e55b0e82d946a4632?

COMPLIANCE NOTES: Document #: 38499-4270

ISSUE DATE: 2014-05-01

EXPIRY DATE: 2026-11-29

RECYCLED CONTENT	SCS Recycled Content Certification - Products	
COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2025-09-01	EXPIRY DATE: 2026-08-31
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global Services		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE: Product		
APPLICABLE FACILITIES: McPherson, KS, United States; Penbryn, NJ, United States; Richmond, IN, United States; Willows, CA, United States; Winder, GA, United States		
COMPLIANCE URL:		
https://cdn.scs-certified.com/products/cert_pdfs/Johns%20Manville_2025_SCS-RC-03220.pdf		
COMPLIANCE NOTES: Certificate Number: SCS-RC-03220 North America Average 34% Post-Consumer Recycled Glass Content		

RECYCLED CONTENT	SCS Recycled Content Certification - Products	
COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2025-09-01	EXPIRY DATE: 2026-08-31
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global Services		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE: Product		
APPLICABLE FACILITIES: Willows, CA, USA		
COMPLIANCE URL:		
https://cdn.scs-certified.com/products/cert_pdfs/Johns%20Manville_2025_SCS-RC-02455.pdf		
COMPLIANCE NOTES: Certificate Number: SCS-RC-02455 Minimum 36% Post-Consumer Recycled Glass Content		

LCA	Environmental Product Declaration (EPD) by UL	
COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2022-01-01	EXPIRY DATE: 2026-12-31
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL Environment		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE: Product		
APPLICABLE FACILITIES: McPherson, KS, United States; Penbryn, NJ, United States; Richmond, IN, United States; Willows, CA, United States; Winder, GA, United States		
COMPLIANCE URL: https://spot.ul.com/main-app/products/detail/5ad1ea7255b0e82d946a4bba?		
COMPLIANCE NOTES: Document #: 42803-4150		

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

RESIDENTIAL

Johns Manville building insulation products help lower heating and cooling bills and create more comfortable living environments year-round. For either new builds or retrofits, we have the products, resources and dedicated experts to support any home insulation project.

COMMERCIAL

Johns Manville's complete commercial building insulation product line offers outstanding thermal and acoustical performance to help you maximize LEED® credits for the most sustainable structures. As your partner, we're here to provide the products, resources, guidance and on-demand support you need on any job.

MANUFACTURER INFORMATION

MANUFACTURER: **Johns Manville**
ADDRESS: **P.O. Box 5108**
Denver, Colorado 80217-5108
COUNTRY: **United States**

WEBSITE: **<https://www.jm.com/>**
CONTACT NAME: **Janice Konigsford**
TITLE: **Product Stewardship Manager**
PHONE: **+1 (303) 978-2000**
EMAIL: **ProductStewardship@jm.com**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY**Hazard Types**

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

NEU Neurotoxicity

NF Not found on Priority Hazard Lists

OZO Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

REP Reproductive

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

UNK Unknown

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

LT-1 List Translator 1 (Likely Benchmark-1)

LT-UNK List Translator Benchmark Unknown

NoGS No GreenScreen.

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content

PostC Post-consumer recycled content

UNK Inclusion of recycled content is unknown

None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material

Nested Method / Product Threshold Substances listed within each material per threshold indicated per product

Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC

Preparer Third party preparer, if not self-prepared by manufacturer

Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,*
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.