

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format → Nested Materials Method	Residuals/Impurities Evaluation Completed in 5 of 5 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.	Number of Greenscreen BM-4/BM3 contents ... 0
NESTED MATERIAL MATERIAL OR SUBSTANCE RESIDUAL OR IMPURITY	Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None
GREENSCREEN SCORE HAZARD TYPE	Nanomaterial ... No
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] WATERPROOFING AGENT [SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED BM-2] EYE] ANTISTATIC PROCESS AID [POLYETHYLENE GLYCOL [LT-UNK]	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 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

?: 91.0000 - 97.0000

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: 2026-02-04 14:10:04

?: 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

?: 3.0000 - 7.0000

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.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-02-04 14:10:04	
%: 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

%: 0.4800 - 0.5800

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: 2026-02-04 14:10:05	
%: 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.				

WATERPROOFING AGENT

%: 0.0096 - 0.0290

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities disclosed.

OTHER MATERIAL NOTES: Waterproofing agent used to enhance water repellency.

SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED

ID: 70131-67-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-02-04 14:10:05	
%: 99.9000 - 100.0000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Water resistance
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
EYE	GHS - New Zealand	Eye irritation category 2		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found			No listings found on Additional Hazard Lists	

SUBSTANCE NOTES:

ANTISTATIC PROCESS AID

%: 0.0190 - 0.0220

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: 2026-02-04 14:10:06	
%: 99.9000 - 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: Innisfail, AB, Canada COMPLIANCE URL: https://spot.ul.com/main-app/products/detail/5ad1ea7255b0e82d946a4bba? COMPLIANCE NOTES: Document #: 42803-420 applies to product manufactured for the U.S.A. market.		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: 4704 58th Street, Innisfail, AB, Canada T4G1A2 COMPLIANCE URL: https://cdn.scs-certified.com/products/cert_pdfs/Johns%20Manville_2025_SCS-EPI-02459.pdf COMPLIANCE NOTES: Certificate Number: SCS-EPI-02459 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 classroom1, private office1, and single-family residence1 parameters. See SCS Certificates: SCS-IAQ-02088 and SCS-IAQ-02107. The products contain a Minimum of 55% Post-Consumer Recycled Content. See SCS Certificate: SCS-MC-02456.		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: Innisfail, AB, Canada 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: Innisfail, AB, Canada COMPLIANCE URL: https://spot.ul.com/main-app/products/detail/5ad1ea3e55b0e82d946a4632? COMPLIANCE NOTES: Document #: 38499-4270 applies to product manufactured for the Canada market.		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: Innisfail, AB, Canada			
COMPLIANCE URL:			
https://cdn.scscertified.com/products/cert_pdfs/Johns%20Manville_2025_SCS-RC-02456.pdf			
COMPLIANCE NOTES: Certificate Number: SCS-RC-02456 Minimum 48% 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: Innisfail, AB, Canada			
COMPLIANCE URL:			
https://cdn.scscertified.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			

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: Innisfail, AB, Canada			
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.

Section 5: General Notes

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, CO 80217-5108
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WEBSITE: **<https://www.jm.com/>**
CONTACT NAME: **Janice Konigsford**
TITLE: **Product Stewardship Manager**
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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 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.