

Thermafiber® Mineral Wool- Unfaced by Owens Corning

HPD UNIQUE IDENTIFIER: 77106390
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 07 21 13.19 Mineral Board Insulation

PRODUCT DESCRIPTION: Thermafiber® unfaced mineral wool insulation products, including SAFB® (Sound Attenuation Fire Blanket), Fire & Sound Guard® Plus, Peace & Quiet(TM) RainBarrier®, RainBarrier® ci HC (80), RainBarrier® CI HC Plus (110), RainBarrier® CI HC Max (140), Safing, and TopStop®, are engineered for a range of residential and commercial applications. Depending on the product and application, key benefits include thermal performance, fire resistance, acoustical control, and moisture resistance. The portfolio supports a variety of applications, including but not limited to, interior and exterior walls, floors, ceilings, and perimeter fire containment systems while delivering the trusted performance Owens Corning is known for. Select products are available formaldehyde-free. For individual product properties, performance characteristics, and technical specifications, please refer to the Owens Corning Thermafiber Insulation Document Library.

SCREENING DATE: 2026-10-09
PUBLISHED DATE: 2026-10-14
EXPIRY DATE: 2029-10-09
PREPARER: Self-Prepared

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

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format → Basic Method	Residuals/Impurities Evaluation → Completed	For all contents above the threshold, the manufacturer has:
Threshold Disclosed Per → Product	Explanation(s) provided : 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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
THERMAFIBER® MINERAL WOOL- UNFACED [MINERAL WOOL, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤ 18 % BY WEIGHT LT-UNK UREA, POLYMER WITH FORMALDEHYDE AND PHENOL LT-UNK UREA LT-UNK EYE ADDITIVES Not Screened]

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:
Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 1,000 ppm] threshold to act as antimicrobials.
Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 1,000 ppm] threshold to act as antimicrobials.
Special Conditions applied: [MetalAlloy]
Special Conditions applied: [GeologicalMaterial]
Substances representing 100% of the product weight meet the 1000 ppm Threshold and are Screened.
PFAS DETAILS:
This product does not contain intentionally added PFAS and materials and substances from suppliers are verified to not contain PFAS.
Attestation:

Nassreen Olang

2026-10-06

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE See Section 3 for additional listings.
VOC emissions: VOC Content - Not Tested
Recycled Content: ICC-ES Recycled Content Verification
SAFETY Act Designation: SAFETY Act Designation
Multi-attribute: Environmental Product Declaration (EPD) by SCS Global Services
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

THERMAFIBER® MINERAL WOOL- UNFACED

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: To the best of our knowledge, all residuals and impurities are considered above the 1000 ppm disclosure level.

OTHER PRODUCT NOTES: A small percentage of Thermafiber Safing is available with a foil facing. Please refer to the HPD for Thermafiber Mineral Wool Insulation – Faced for detailed information on the foil facer.

MINERAL WOOL, 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: 2026-10-09 9:56:15		
%: 94.0000 - 99.5000		GreenScreen: LT-UNK	RC: PreC	NANO: No	SUBSTANCE ROLE: Insulator
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	
RESTRICTED LIST		Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List Flame Retardants	
RESTRICTED LIST		Cradle to Cradle Products Innovation Institute (C2CP II)		C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Cosmetics & Personal Care Products	
SUBSTANCE NOTES: Owens Corning instituted internal systems to assure continuous production of acceptable glasses based on state-of-the-art understanding of biosolubility. As a result of those steps, all the fiberglass and mineral wool insulation we sell, anywhere in the world, are continuously evaluated to assure that they are biosoluble, fulfilling the Note Q condition of the European Commission Directive 97/69/EC, and therefore do not present a health risk.					

UREA, POLYMER WITH FORMALDEHYDE AND PHENOL

ID: 25104-55-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-10-09 9:56:15	
%: 0.4000 - 4.5000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE 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	
RESTRICTED LIST	Perkins+Will (P+W)		P&W - Precautionary List	

RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective July 10, 2026
Red List substances to avoid in Living Building Challenge V4.0 projects		

SUBSTANCE NOTES: The cured binder is the main component of the binder that holds mineral wool together and protects the surface of fiber.

UREA

ID: 57-13-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-10-09 9:56:16

%: 0.0500 - 2.0000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Scavenger

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List
		Flame Retardants

SUBSTANCE NOTES: Urea is added to scavenge free formaldehyde and help reduce residual formaldehyde emissions in the final product.

ADDITIVES

ID: Not Registered

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: Not Screened

%: 0.0000 - 0.4000

GreenScreen: Not Screened

RC: None

NANO: No

SUBSTANCE ROLE: Water resistance

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
Hazard Screening not performed		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
Additional Hazard Screening not performed		

SUBSTANCE NOTES: The role of the additive is to make some of our products more water-resistant. It is used in products that are expected to have some exposure to environmental conditions after construction is complete.



Section 3: Compliance

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	VOC Content - Not Tested	
COMPLIANCE TYPE: Self-declared	ISSUE DATE: 2014-04-01	EXPIRY DATE: No expiration
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: N/A		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE:		
APPLICABLE FACILITIES: Joplin, MO		
COMPLIANCE URL:		
COMPLIANCE NOTES: Thermafiber products manufactured with urea-phenol-formaldehyde binder are not included in Owens Corning's products which have GREENGUARD or GREENGUARD Gold certification. However, Owens Corning has done testing at a third-party laboratory to understand product emissions for a number of these Thermafiber products.		
RECYCLED CONTENT	ICC-ES Recycled Content Verification	
COMPLIANCE TYPE: Third-party certification	ISSUE DATE: 2026-10-01	EXPIRY DATE: 2028-10-01
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: ICC Evaluation Services		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE:		
APPLICABLE FACILITIES: Joplin, MO		
COMPLIANCE URL: https://icc-es.org/report-listing/var-1025/		
COMPLIANCE NOTES: 70% pre-consumer standard fiber recycled content		
SAFETY ACT DESIGNATION	SAFETY Act Designation	
COMPLIANCE TYPE: Third Party	ISSUE DATE: 2006-01-01	EXPIRY DATE: No expiration
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: U.S. Department of Homeland Security		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE:		
APPLICABLE FACILITIES: Joplin, MO		
COMPLIANCE URL:		
COMPLIANCE NOTES: Several of Owens Corning® Thermafiber® mineral wool insulation products and their supporting design and installation services have earned SAFETY Act Designation, retroactive to January 1, 2006, from the U.S. Department of Homeland Security. Use of these products and services will provide building owners and professionals with liability protection in the unfortunate event of an act of terrorism on their structure. Owens Corning is the first insulation manufacturer to be listed publicly with the Department of Homeland Security as having qualified technology carrying the SAFETY Act Designation.		
MULTI-ATTRIBUTE	Environmental Product Declaration (EPD) by SCS Global Services	
COMPLIANCE TYPE: Multiple-party certification	ISSUE DATE: 2026-09-22	EXPIRY DATE: 2029-09-21
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global Services		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE:		
APPLICABLE FACILITIES: Joplin, Mo, USA		
COMPLIANCE URL:		
https://cdn.scs-certified.com/products/cert_pdfs/SCS-EPD-10747_OwensCorning_ThermafiberPUF_0100126.pdf		
COMPLIANCE NOTES: Product Specific		



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

Thermafiber® unfaced mineral wool insulation products are available in various thicknesses and performance levels. Accordingly, a range of values is used to represent the full portfolio of products. For individual product properties, performance characteristics, and technical specifications, please refer to the Owens Corning Thermafiber Insulation Document Library.



MANUFACTURER INFORMATION

MANUFACTURER: **Owens Corning**
ADDRESS: **One Owens Corning Parkway**
Toledo, Ohio 43659
COUNTRY: **United States**
LATITUDE: **-83.5354000**
LONGITUDE: **41.6471000**

WEBSITE: **<https://www.owenscorning.com>**
CONTACT NAME: **Nassreen Olang**
TITLE: **Sr Program Lead**
PHONE: **1-800-GET-PINK**
EMAIL: **nassreen.olang@owenscorning.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 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.