

CLASSIFICATION: 07 21 16 Blanket Insulation

PRODUCT DESCRIPTION: Owens Corning® EcoTouch® Flame Spread 25 Fiberglas™ Insulation is a preformed, flexible blanket insulation. It is produced in R-values from 11 to 49, at thickness from 31/2 to 11 inches. It is available with either a FSK (foil-scrim-kraft) or PSK (poly-scrim-kraft) facing; both of which act as vapor retarders and provide a neat, finished appearance.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
 Basic Method

Threshold Disclosed Per

- Material
 Product

Threshold level

- 100 ppm
 1,000 ppm
 Per GHS SDS
 Per OSHA MSDS
 Other

Residuals/Impurities

Residuals/Impurities
Considered in 5 of 5 Materials

Explanation(s) provided
for Residuals/Impurities?
 Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
% weight and role provided for all substances.

Screened Yes Ex/SC Yes No
One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.

Identified Yes Ex/SC Yes No
One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

ECOTOUCH® PINK® FIBERGLAS™ INSULATION - UNFACED [FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤18 % BY WEIGHT LT-UNK STARCH LT-UNK VEGETABLE OIL NoGS OILS, SUNFLOWER SEED NoGS SODIUM LIGNOSULFONATE LT-UNK UNDISCLOSED NoGS (3-AMINOPROPYL)TRIETHOXYSILANE LT-UNK | SKI] FSK (FOIL-SCRIM-KRAFT) FACING [CELLULOSE, MICROCRYSTALLINE NoGS ALUMINUM NoGS ADHESIVE Not Screened CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK ANTIMONY TRIOXIDE BM-1 | CAN | MUL] PSK (POLY-SCRIM-KRAFT) FACING [CELLULOSE, MICROCRYSTALLINE NoGS ADHESIVE Not Screened POLYPROPYLENE LT-UNK CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE LT-UNK ANTIMONY TRIOXIDE BM-1 | CAN | MUL] ADHESIVE - FSK (FOIL-SCRIM-KRAFT) [ASPHALT, OXIDIZED LT-1 | CAN] ADHESIVE - PSK (POLY-SCRIM-KRAFT) [ALUMINUM HYDROXIDE, DRIED (PRIMARY CASRN IS 21645-51-2) BM-2 | RES KAOLIN CLAY LT-UNK | CAN UNDISCLOSED LT-P1 | PBT | MUL]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

To the best of our knowledge, the final product is classified as an Article and is not hazardous nor does it contain hazardous ingredients over trace amounts as defined under 29 CFR 1910.1200. However, minerals used in manufacturing of glass fiber, might contain trace level of impurities.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: UL/GreenGuard Gold Certified
VOC emissions: UL/GreenGuard Certified
VOC emissions: UL-Formaldehyde Free Claim Validation
Recycled content: SCS Recycled Content Certification - Recycling Programs

CONSISTENCY WITH OTHER PROGRAMS

Third Party Verified?

- Yes
- No

PREPARER: **Self-Prepared**

VERIFIER:

VERIFICATION #:

SCREENING DATE: **2019-08-15**

PUBLISHED DATE: **2019-08-30**

EXPIRY DATE: **2022-08-15**



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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

ECOTOUCH® PINK® FIBERGLAS™ INSULATION - UNFACED

%: 85.00 - 98.00

PRODUCT THRESHOLD: Per GHS SDS

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: To the best of our knowledge, all chemicals presented at ≥ 100 ppm on the final product have been considered and disclosed. However, minerals used in manufacturing of glass fiber, might contain trace level of impurities. The information is based on individual chemical SDSs and in some cases provided by the suppliers.

HPD URL: https://hpdrepository.hpd-collaborative.org/Repository/HPDs/publish_446_EcoTouch_PINK_Fiberglas_Insulation_Unfaced.pdf

OTHER MATERIAL NOTES: EcoTouch® Flame Spread 25 Fiberglas™ Insulation products are available in different thickness densities, therefore, a range is required to represent the entire product line.

FIBER GLASS, BIOSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT ≤ 18 % BY WEIGHT

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-15

%: 80.00 - 92.00

GS: LT-UNK

RC: Both NANO: No ROLE: Thermal/Acoustic Insulation

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

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 insulations 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.

Cullet provides the recycle content for fiberglass products. This consists of post-consumer cullet (bottles; recycled windshields) as well as pre-consumer cullet (plate glass, other industrial sources). Our SCS recycled content is based on plant-wide averages for each certificate. Individual plants may use different levels and % of post-consumer/pre-consumer, based on supply chain limitations.

STARCH

ID: 9005-25-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-08-15

%: 3.00 - 6.00

GS: LT-UNK

RC: None NANO: No ROLE: Resin

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The cured binder is the main component of the binder that holds fiberglass together and protects the glass surface.

VEGETABLE OIL

ID: 68918-91-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-08-15**

#: **0.10 - 1.00**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **De-dusting Agent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The de-dusting agent that is used to reduce the dust.

OILS, SUNFLOWER SEED

ID: 8001-21-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-08-15**

#: **0.01 - 0.50**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **De-dusting Agent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The de-dusting agent that is used to reduce the dust.

SODIUM LIGNOSULFONATE

ID: 8061-51-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-08-15**

#: **0.01 - 0.50**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Emulsifier**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The emulsifier is used to emulsify the vegetable oil in water.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-08-15**

#: **0.01 - 0.10**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Surfactant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The surfactant is used to reduce the surface tension of the binder, enabling a great improvement in binder wetting and in the distribution of the binder into the fiberglass matrix.

The kind of surfactant used is Owens Corning proprietary information.

(3-AMINOPROPYL)TRIETHOXYSILANE

ID: 919-30-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-08-15**

#: **0.01 - 1.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Coupling Agent**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKIN IRRITATION

EU - GHS (H-Statements)

H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: Coupling agent provides a chemical bond between inorganic fiberglass and organic binder.

FSK (FOIL-SCRIM-KRAFT) FACING

#: **3.00 - 10.00**

PRODUCT THRESHOLD: **Per GHS SDS**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: This product is a manufactured article as defined in the OSHA Hazard Communication Standard. During normal use no exposure to the hazardous ingredients occurs.

OTHER MATERIAL NOTES: EcoTouch® Flame Spread 25 Fiberglas™ Insulation products are available in different thickness densities, therefore, a range is required to represent the entire product line.

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-08-15**

#: **0.50 - 6.00** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Strength**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Kraft paper provides strength, body and appearance to the facing.

ALUMINUM

ID: 91728-14-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-08-15**

#: **0.50 - 4.00** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Barrier**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Aluminum provides the barrier properties.

Aluminum is one of the components of the facer, and it is analogue to the household aluminum foil that is non-hazardous. Therefore, it shall not considered to be associated with all hazardous warnings associated with aluminum metal.

ADHESIVE

ID: **Unknown**

%: **0.50 - 3.00**GS: **Not Screened**RC: **None**NANO: **No**ROLE: **Adhesive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: **Adhesive to adhere different components of facing.****CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE**ID: **65997-17-3**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-08-15**%: **0.30 - 3.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Strength**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Fiberglass reinforcing yarns adds strength to the facing.****ANTIMONY TRIOXIDE**ID: **1309-64-4**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-08-15**%: **0.03 - 0.20**GS: **BM-1**RC: **None**NANO: **No**ROLE: **Fire retardant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

CANCER

US NIH - Report on Carcinogens

Reasonably Anticipated to be Human Carcinogen

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

MULTIPLE

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

CANCER

MAK

Carcinogen Group 2 - Considered to be carcinogenic for man

CANCER

GHS - Japan

Carcinogenicity - Category 1B

SUBSTANCE NOTES: **Antimony Trioxide is inextricably bound within the polymer matrix of this product and not considered a hazardous chemical under the OSHA standard (29 CFR 1910.1200) per (b)(2).****PSK (POLY-SCRIM-KRAFT) FACING**%: **3.00 - 12.00**PRODUCT THRESHOLD: **Per GHS SDS**RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: This product is a manufactured article as defined in the OSHA Hazard Communication Standard. During normal use no exposure to the hazardous ingredients occurs.

OTHER MATERIAL NOTES: EcoTouch® Flame Spread 25 Fiberglas™ Insulation products are available in different thickness densities, therefore, a range is required to represent the entire product line.

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-08-15**

#: **1.00 - 5.00**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Strength for Facing**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Kraft paper provides strength, body and appearance to the facing.

ADHESIVE

ID: Unknown

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-08-15**

#: **1.00 - 5.00**

GS: **Not Screened**

RC: **UNK**

NANO: **No**

ROLE: **Adhesive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: The Adhesive to attached different components of facing.

POLYPROPYLENE

ID: 9003-07-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-08-15**

#: **0.50 - 4.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Adhesive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The heat seal bonding layer that adheres facing components together,

CONTINUOUS FILAMENT GLASS FIBER, NON-RESPIRABLE

ID: 65997-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-08-15**

#: **0.50 - 4.00**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Strength**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Fiberglass reinforcing yarns adds strength to the facing.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-08-15**

%: **0.05 - 0.50** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Fire retardant.**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CANCER	GHS - Japan	Carcinogenicity - Category 1B

SUBSTANCE NOTES: Antimony Trioxide is inextricably bound within the polymer matrix of this product and not considered a hazardous chemical under the OSHA standard (29 CFR 1910.1200) per (b)(2).

ADHESIVE - FSK (FOIL-SCRIM-KRAFT)

%: **0.50 - 4.00**

PRODUCT THRESHOLD: **Per GHS SDS**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: To the best of our knowledge, all chemicals presented at ≥ 100 ppm on the final product have been considered and disclosed. The information is based on individual chemical SDSs and in some cases provided by the suppliers.

OTHER MATERIAL NOTES: EcoTouch® Flame Spread 25 Fiberglas™ Insulation products are available in different thickness densities, therefore, a range is required to represent the entire product line.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-08-15**

#: **0.50 - 4.00**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Adhesive + Barrier**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2a - Agent is probably Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: **The asphalt is used as a glue to attach the facer to insulation, as well as acting as a barrier.**

ADHESIVE - PSK (POLY-SCRIM-KRAFT)

#: **0.50 - 3.50**

PRODUCT THRESHOLD: **Per GHS SDS**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

RESIDUALS AND IMPURITIES NOTES: **To the best of our knowledge, all chemicals presented at ≥ 100 ppm on the final product have been considered and disclosed. The information is based on individual chemical SDSs and in some cases provided by the suppliers.**

OTHER MATERIAL NOTES: **EcoTouch® Flame Spread 25 Fiberglas™ Insulation products are available in different thickness densities, therefore, a range is required to represent the entire product line.**

ALUMINUM HYDROXIDE, DRIED (PRIMARY CASRN IS 21645-51-2)

ID: 227961-51-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-08-15**

#: 0.20 - 2.50	GS: BM-2	RC: None	NANO: No	ROLE: component of adhesive
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HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY**AOEC - Asthmagens****Asthmagen (Rs) - sensitizer-induced**SUBSTANCE NOTES: **Aluminum hydroxide is a component of the adhesive.****KAOLIN CLAY**

ID: 1332-58-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-08-15**

#: 0.10 - 1.50	GS: LT-UNK	RC: None	NANO: No	ROLE: Filler
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HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER**MAK****Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**SUBSTANCE NOTES: **Kaolin Clay is used as filler.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-08-15**

#: 0.05 - 1.00	GS: LT-P1	RC: None	NANO: No	ROLE: minor component of adhesive
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HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PBT**OSPAR - Priority PBTs & EDs & equivalent concern****PBT - Substance of Possible Concern****MULTIPLE****German FEA - Substances Hazardous to Waters****Class 2 - Hazard to Waters**SUBSTANCE NOTES: **This is the minor component of adhesive**

Section 3: Certifications and 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

UL/GreenGuard Gold Certified

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2009-02-28**

EXPIRY DATE: **2019-10-16**

CERTIFIER OR LAB: **UL environment**

APPLICABLE FACILITIES: **Santa Clara, CA**

CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1e80355b0e82d946a04ab?page_type=Products%20Catalog

CERTIFICATION AND COMPLIANCE NOTES:

VOC EMISSIONS

UL/GreenGuard Certified

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2009-02-28**

EXPIRY DATE: **2019-10-16**

CERTIFIER OR LAB: **UL Environment**

APPLICABLE FACILITIES: **Santa Clara, CA**

CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1e80355b0e82d946a04ab?page_type=Products%20Catalog

CERTIFICATION AND COMPLIANCE NOTES:

VOC EMISSIONS

UL-Formaldehyde Free Claim Validation

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2009-02-28**

EXPIRY DATE: **2019-10-16**

CERTIFIER OR LAB: **UL Environment**

APPLICABLE FACILITIES: **Santa Clara, CA**

CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1e80355b0e82d946a04ab?page_type=Products%20Catalog

CERTIFICATION AND COMPLIANCE NOTES:

RECYCLED CONTENT

SCS Recycled Content Certification - Recycling Programs

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2009-02-28**

EXPIRY DATE: **2020-03-30**

CERTIFIER OR LAB: **SCS Global Services**

APPLICABLE FACILITIES: **Santa Clara, CA**

CERTIFICATE URL: https://www.scs-certified.com/products/cert_pdfs/Owens_2019_SCS-MC-02676_s.pdf

CERTIFICATION AND COMPLIANCE NOTES:

BIOBASED CONTENT

USDA BioPreferred Catalog

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2009-02-28**

EXPIRY DATE:

CERTIFIER OR LAB: **USDA Preferred labs**

APPLICABLE FACILITIES: **Santa Clara, CA**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

MULTI-ATTRIBUTE

Environmental Product Declaration (EPD) by UL - Product Specific

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **Santa Clara, CA**

CERTIFICATE URL:

<https://dcpd6wotaa0mb.cloudfront.net/mdms/dms/Sustainability/10023059/10023059-EcoTouch-Pink-Fiberglas-Batt-Roll-Insulation-Unfaced-and-Faced---EPD.pdf?v=1539083037000>

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2018-09-19	2023-09-19	UL Environment

MULTI-ATTRIBUTE

Name of Certification or Compliance Environmental Product Declaration (EPD) by UL - Optimization Summary

CERTIFYING PARTY: **Third Party**

APPLICABLE FACILITIES: **Santa Clara, CA**

CERTIFICATE URL:

<https://dcpd6wotaa0mb.cloudfront.net/mdms/dms/Sustainability/10023383/10023383-EPD---Optimization-Summary---EcoTouch.pdf?v=1550047180000>

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2018-11-09	2021-11-09	UL Environment

+ 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

Pharos Chemical and Materials Library (through HPD Builder) was used to screen all chemicals used in making the product.



MANUFACTURER INFORMATION

MANUFACTURER: **Owens Corning**
 ADDRESS: **One Owens Corning Parkway**
Toledo Ohio 43659, United States
 WEBSITE: **www.owenscorning.com**

CONTACT NAME: **Nassreen Olang, Ph.D.**
 TITLE: **Corporate Product Stewardship Leader**
 PHONE: **7403215446**
 EMAIL: **nassreen.Olang@owenscorning.com**

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

Recycled Types

PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms

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.