

HPD UNIQUE IDENTIFIER: 29031

CLASSIFICATION: 07 21 16 Blanket Insulation

PRODUCT DESCRIPTION: Owens Corning® PINK Next Gen™ Fiberglas™ Insulation is a preformed, flexible blanket insulation with advanced fiber technology for easier handling and more precise installation. It is produced in R-Value Ranges from 11 to 54, with thickness ranging from 3 ½ inches to 14 inches. This HPD is for the PINK Next Gen™ Fiberglas™ Insulation from the Toronto, Canada plant once conversion to this binder occurs in Q3 2022. Also in Q3-Q4 2022, conversion of the Kansas City, KS plant is planned.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

| | | | |
|--|--|--|---|
| <p>Inventory Reporting Format</p> <p><input type="radio"/> Nested Materials Method</p> <p><input checked="" type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p> | <p>Threshold Level</p> <p><input type="radio"/> 100 ppm</p> <p><input checked="" type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p> | <p>Residuals/Impurities</p> <p><input type="radio"/> Considered</p> <p><input type="radio"/> Partially Considered</p> <p><input checked="" type="radio"/> Not Considered</p> <p>Explanation(s) provided for Residuals/Impurities?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p> | <p><i>All Substances Above the Threshold Indicated Are:</i></p> <p>Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p>Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances screened using Priority Hazard Lists with results disclosed.</i></p> <p>Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances disclosed by Name (Specific or Generic) and Identifier.</i></p> |
|--|--|--|---|

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

PINK NEXT GEN™ FIBERGLAS™ INSULATION [FIBER GLASS, BIOINSOLUBLE AND/OR WITH ALKALINE OXIDE AND ALKALI EARTH OXIDE CONTENT >18 % BY WEIGHT LT-UNK ACRYLIC ACID, POLYMER WITH SODIUM PHOSPHINATE, SODIUM SALT NoGS SORBITOL NoGS VEGETABLE OIL NoGS POLYVINYL ALCOHOL LT-UNK]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-UNK

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Inventory and screening to 1000 ppm disclosure limit.

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: GreenGuard - Gold (previously Children & Schools)

VOC emissions: GreenGuard - Indoor Air Quality Certified

Recycled content: SCS Recycled Content Certification - Recycling Programs

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2022-06-30

PUBLISHED DATE: 2022-07-01

EXPIRY DATE: 2025-06-30

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

PINK NEXT GEN™ FIBERGLAS™ INSULATION

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES: At this time OC has not done testing needed in order to understand residuals and impurities to the 1000 ppm disclosure limit. Testing is being conducted to better understand residuals and impurities.

OTHER PRODUCT NOTES: Some information on testing performed was included in patent applications.

FIBER GLASS, BIOINSOLUBLE 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: 2022-06-30 14:39:19

#: 92.0000 - 97.0000 GS: LT-UNK RC: Both NANO: No SUBSTANCE ROLE: Insulator

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: OC has a stand-alone SCS certificate for recycled content for the OC Canada fiberglass plants.

ACRYLIC ACID, POLYMER WITH SODIUM PHOSPHINATE, SODIUM SALT

ID: 129898-01-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-06-30 14:39:20

#: 2.0000 - 4.0000 GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This is one component of the formaldehyde free binder system.

SORBITOL

ID: 50-70-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-06-30 14:39:20

#: 0.5000 - 2.0000 GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This is a component of the formaldehyde free binder.

VEGETABLE OIL

ID: 68918-91-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-30 14:39:20**

#: **0.1000 - 1.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dedusting**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Dedust oil is used to reduce dust during material handling or installation.

POLYVINYL ALCOHOL ID: **9002-89-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-06-30 14:39:21**

#: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This is a component of the formaldehyde-free binder.

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

GreenGuard - Gold (previously Children & Schools)

CERTIFYING PARTY: Third Party

ISSUE DATE: 2022-02-07 EXPIRY DATE:

CERTIFIER OR LAB: UL Environment

APPLICABLE FACILITIES: Toronto, Canada in Q2 2022; also Kansas City, KS if conversion occurs in Q3 2022.

CERTIFICATE URL: <https://www.spot.ul>

CERTIFICATION AND COMPLIANCE NOTES: GREENGUARD Gold for product emissions; complies with the California CDPH Standard Method V1.2.

VOC EMISSIONS

GreenGuard - Indoor Air Quality Certified

CERTIFYING PARTY: Third Party

ISSUE DATE: 2022-02-07 EXPIRY DATE:

CERTIFIER OR LAB: UL Environment

APPLICABLE FACILITIES: Toronto, Canada if converted to this binder in Q2 2022; Kansas City, KS if plant converts to this binder in Q3 2022.

CERTIFICATE URL: <https://www.ul.spot>

CERTIFICATION AND COMPLIANCE NOTES: GREENGUARD product emissions certification.

RECYCLED CONTENT

SCS Recycled Content Certification - Recycling Programs

CERTIFYING PARTY: Third Party

ISSUE DATE: 2018-04-01 EXPIRY DATE:

CERTIFIER OR LAB: SCS Global Services

APPLICABLE FACILITIES: Certificate covers U.S. and Canadian light density fiberglass plants. Note the Toronto and Edmonton plants in Canada also have a separate SCS certificate (SCS-MC-04898).

CERTIFICATE URL: <https://www.scscertified.com>

CERTIFICATION AND COMPLIANCE NOTES: SCS Certificate SCS-MC-01025

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

The Toronto plant in Canada is scheduled for conversion to a new, patented formaldehyde-free binder system in Q3 2022. The Kansas City, Kansas plant is scheduled for conversion to this binder in Q3-Q4 2022.

Until the plants convert, they will still use EcoTouch binder. Please see the Declare labels which cover unfaced and Kraft faced EcoTouch products.

MANUFACTURER INFORMATION

MANUFACTURER: Owens Corning
ADDRESS: Owens Corning
 One Owens Corning Parkway
 Toledo Ohio 43659, USA
WEBSITE: <https://www.owenscorning.com>

CONTACT NAME: Stan Wolfersberger
TITLE: Sustainability Leader
PHONE: 800-GET-PINK
EMAIL: stan.wolfersberger@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 | LAN Land toxicity | PHY Physical hazard (flammable or reactive) |
| CAN Cancer | MAM Mammalian/systemic/organ toxicity | REP Reproductive |
| DEV Developmental toxicity | MUL Multiple | RES Respiratory sensitization |
| END Endocrine activity | NEU Neurotoxicity | SKI Skin sensitization/irritation/corrosivity |
| EYE Eye irritation/corrosivity | NF Not found on Priority Hazard Lists | UNK Unknown |
| GEN Gene mutation | OZO Ozone depletion | |
| GLO Global warming | PBT Persistent, bioaccumulative, and toxic | |

GreenScreen (GS)

| | |
|---|--|
| BM-4 Benchmark 4 (prefer-safer chemical) | LT-1 List Translator 1 (Likely Benchmark-1) |
| BM-3 Benchmark 3 (use but still opportunity for improvement) | LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.) |
| 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) | NoGS No GreenScreen. |

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.