

CertainTeed Sustainable Insulation Unfaced Fiber Glass Batt and Blanket by Saint Gobain

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 07 21 00, 09 81 00, 23 07 13, 23 31 13

PRODUCT DESCRIPTION: CertainTeed's Sustainable Insulation is intended for use in residential, commercial and HVAC construction as thermal and acoustical insulation in ceilings, walls, floors, and ducts. CertainTeed's Unfaced Sustainable Insulation batts and blankets are an easy, cost-effective method to help conserve energy in residential and commercial new construction, remodeling and re-insulation projects.

Section 1: Summary

Basic 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

- Considered
- Partially Considered
- Not Considered

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

All substances screened using Priority Hazard Lists with results disclosed.

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

CERTAINTEED SUSTAINABLE INSULATION UNFACED FIBER GLASS BATT AND BLANKET [SODIUM TETRABORATE PENTAHYDRATE LT-1 | REP | MUL UNDISCLOSED NoGS UNDISCLOSED LT-UNK SODIUM CARBONATE LT-UNK | EYE MANGANESE DIOXIDE LT-P1 SODIUM NITRATE LT-P1 | END UNDISCLOSED LT-UNK | SKI PROPRIETARY SUBSTANCE 1 BM-4 PROPRIETARY SUBSTANCE 2 LT-1 | PBT | CAN | MUL CALCIUM CARBONATE BM-3 SODIUM SULFATE LT-UNK QUARTZ LT-1 | CAN NEPHELINE SYENITE LT-UNK DOLOMITE NoGS GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED) LT-UNK SOLID / PLATE GLASS LT-UNK GLUCOSE SYRUP, HYDROGENATED NoGS LIMESTONE, CALCIUM CARBONATE LT-UNK UNDISCLOSED LT-P1 | MUL]

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All raw materials have been declared and screened through the HPD Builder tool at the 1000 ppm threshold. All residuals and impurities have been evaluated and noted within the 1000 ppm threshold reporting level. The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

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

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

PREPARER: Self-Prepared

SCREENING DATE: 2020-03-02

Yes
 No

VERIFIER: GreenCircle Certified
VERIFICATION #: 6H3-9709

PUBLISHED DATE: 2020-03-06
EXPIRY DATE: 2023-03-02



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

CERTAINTEED SUSTAINABLE INSULATION UNFACED FIBER GLASS BATT AND BLANKET

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED:

Yes

RESIDUALS AND IMPURITIES NOTES: All raw materials have been declared and screened through the HPD Builder tool at the 1000 ppm threshold. All residuals and impurities have been evaluated and noted within the 1000 ppm threshold reporting level.

OTHER PRODUCT NOTES: The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

SODIUM TETRABORATE PENTAHYDRATE

ID: 12179-04-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-03-02

#: 2.00 - 12.00

GS: LT-1

RC: None

NANO: No

ROLE: Batch Processing Additive

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Prioritized for listing
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]
REPRODUCTIVE	GHS - Australia	H360Fd - May damage fertility. Suspected of damaging the unborn child

SUBSTANCE NOTES: Due to the potential hazards of this material, the material is carefully added in accordance to all PPE requirements of the raw material manufacturer. The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-03-02

#: 1.26 - 5.75

GS: NoGS

RC: None

NANO: No

ROLE: Binder

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

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-03-02**

%: **1.00 - 5.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Additive in Binder**

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

SUBSTANCE NOTES: All raw materials have been declared and screened through the HPD Builder tool at the 1000 ppm threshold. All residuals and impurities have been evaluated and noted within the 1000 ppm threshold reporting level. The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

SODIUM CARBONATE

ID: **497-19-8**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-03-02**

%: **1.00 - 12.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Batch Processing Additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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EYE IRRITATION **EU - GHS (H-Statements)** **H319 - Causes serious eye irritation**

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

MANGANESE DIOXIDE

ID: **1313-13-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-03-02**

%: **0.05 - 0.50** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Batch Processing Additive**

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

SUBSTANCE NOTES: Due to the potential hazards of this material, the material is carefully added in accordance to all PPE requirements of the raw material manufacturer. The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

SODIUM NITRATE

ID: **7631-99-4**

#: **0.01 - 0.50** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Batch Processing Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE**TEDX - Potential Endocrine Disruptors****Potential Endocrine Disruptor**

SUBSTANCE NOTES: Due to the potential hazards of this material, the material is carefully added in accordance to all PPE requirements of the raw material manufacturer. The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

UNDISCLOSED

#: **0.01 - 0.05** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Additive in Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKIN IRRITATION**EU - GHS (H-Statements)****H314 - Causes severe skin burns and eye damage**

SUBSTANCE NOTES: All raw materials have been declared and screened through the HPD Builder tool at the 1000 ppm threshold. All residuals and impurities have been evaluated and noted within the 1000 ppm threshold reporting level. The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

PROPRIETARY SUBSTANCE 1ID: **Undisclosed**

#: **0.00 - 1.00** GS: **BM-4** RC: **None** NANO: **No** ROLE: **Additive in Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**

SUBSTANCE NOTES: This substance is considered proprietary by the supplier but has been third-party verified. The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

PROPRIETARY SUBSTANCE 2ID: **Undisclosed**

#: **0.00 - 1.00** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Additive in Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	GHS - Australia	H350 - May cause cancer

SUBSTANCE NOTES: This substance is considered proprietary by the supplier but has been third-party verified. The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

CALCIUM CARBONATE

ID: 471-34-1

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

HAZARD SCREENING DATE: **2020-03-02**

#: **0.00 - 2.50**

GS: **BM-3**

RC: **None**

NANO: **No**

ROLE: **Batch Processing Additive**

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

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

SODIUM SULFATE

ID: 7757-82-6

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

HAZARD SCREENING DATE: **2020-03-02**

#: **0.00 - 0.40**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Batch Processing Additive**

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

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

QUARTZ

ID: 14808-60-7

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

HAZARD SCREENING DATE: **2020-03-02**

#: **0.00 - 40.00**

GS: **LT-1**

RC: **None**

NANO: **No**

ROLE: **Batch Processing Additive**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Due to the potential hazards of this material, the material is carefully added in accordance to all PPE requirements of the raw material manufacturer. Once the material is processed, the human health hazards which are respirable are no longer of concern. The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

NEPHELINE SYENITE

ID: **37244-96-5**

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

HAZARD SCREENING DATE: **2020-03-02**

#: **0.00 - 3.50**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Batch Processing Additive**

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

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

DOLOMITE

ID: **16389-88-1**

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

HAZARD SCREENING DATE: **2020-03-02**

#: **0.00 - 5.75**

GS: **NoGS**

RC: **None**

NANO: **No**

ROLE: **Batch Processing Additive**

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

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED)

ID: **65997-17-3**

%: **0.00 - 55.00**GS: **LT-UNK**RC: **Both**NANO: **No**ROLE: **Batch Processing Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Mixed cullet waste, curbside pick-up and industrial scrap materials. The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

SOLID / PLATE GLASSID: **65997-17-3**%: **0.00 - 25.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Batch Processing Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Material is cullet plate glass. The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

GLUCOSE SYRUP, HYDROGENATEDID: **68425-17-2**%: **0.00 - 3.50**GS: **NoGS**RC: **None**NANO: **No**ROLE: **Batch Processing Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

LIMESTONE, CALCIUM CARBONATEID: **1317-65-3**%: **0.00 - 2.50**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Batch Processing Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

UNDISCLOSED

%: **0.00 - 0.50**GS: **LT-P1**RC: **None**NANO: **No**ROLE: **Additive in Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES: All raw materials have been declared and screened through the HPD Builder tool at the 1000 ppm threshold. All residuals and impurities have been evaluated and noted within the 1000 ppm threshold reporting level. The raw material range is based on content percent from a range of manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

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: **2006-**

EXPIRY DATE: **2020-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **SoftTouch™ Duct Wrap**

03-29

10-27

Insulation- FKS Faced

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

CERTIFICATION AND COMPLIANCE NOTES: **UL 2818-2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Certificate # 1116-420 SoftTouch™ Duct Wrap Insulation- FKS Faced**

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

All CertainTeed Insulation products should be handled and installed per the requirements of the manufacturers SDS. PPE requirements are listed on the SDS and website <https://www.certainteed.com/building-insulation/> This HPD fails Option 2 under LEED prescreen as the reporting limit of the sourced material is proprietary at the 100 ppm threshold.



MANUFACTURER INFORMATION

MANUFACTURER: **Saint Gobain**

ADDRESS: **20 Moores Road**

Malvern PA 19335, United States

WEBSITE: <https://www.certainteed.com/building-insulation/>

CONTACT NAME: **Elyse Inglese**

TITLE: **Technical Marketing Manager**

PHONE: **Sales Support Group; 800-233-8990**

EMAIL: Elyse.Inglese@saint-gobain.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

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

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 (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

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.