

# CertainTeed Insulation Unfaced Fiber Glass Batt and Blanket Manufactured in Kansas City, KS by Saint Gobain

## Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 25209

CLASSIFICATION: 07 21 00 Thermal Insulation

PRODUCT DESCRIPTION: This HPD included all Saint Gobain - CertainTeed Unfaced Fiber Glass Batt and Blanket Products produced at Kansas City. CertainTeed's fiberglass 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 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	Threshold level	Residuals/Impurities	All Substances Above the Threshold Indicated Are:
<input type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	<input checked="" type="radio"/> Considered	Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	<input type="radio"/> Partially Considered	% weight and role provided for all substances.
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Considered	Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	<b>Explanation(s) provided for Residuals/Impurities?</b>	All substances screened using Priority Hazard Lists with results disclosed.
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> 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**

**CERTAINTTEED INSULATION UNFACED FIBER GLASS BATT AND BLANKET MANUFACTURED IN KANSAS CITY, KS [ QUARTZ LT-1 | CAN SODIUM TETRABORATE PENTAHYDRATE LT-1 | REP | MUL GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED) LT-UNK PROPRIETARY SUBSTANCE 10 BM-4 SODIUM CARBONATE LT-UNK | EYE MANGANESE DIOXIDE LT-P1 CALCIUM CARBONATE BM-3 NEPHELINE SYENITE LT-UNK DOLOMITE NoGS SODIUM NITRATE LT-P1 | END UNDISCLOSED NoGS PROPRIETARY SUBSTANCE 1 BM-4 PROPRIETARY SUBSTANCE 2 LT-1 | CAN | PBT | MUL PROPRIETARY SUBSTANCE 3 LT-P1 | CAN | END | MAM | SKI | GEN | MUL | REP PROPRIETARY SUBSTANCE 4 LT-P1 | SKI | PHY PROPRIETARY SUBSTANCE 5 LT-P1 | END | SKI | RES PROPRIETARY SUBSTANCE 6 BM-1 | CAN | END | SKI | MUL | RES | MAM | GEN PROPRIETARY SUBSTANCE 7 LT-UNK | SKI | EYE PROPRIETARY SUBSTANCE 8 LT-UNK PROPRIETARY SUBSTANCE 9 NoGS PROPRIETARY SUBSTANCE 11 LT-P1 | RES UNDISCLOSED LT-UNK | SKI ]**

Number of Greenscreen BM-4/BM3 contents ... 3  
 Contents highest concern GreenScreen Benchmark or List translator Score ... BM-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. This HPD was separated from the other locations to more accurately reflect the raw material range with regard to sand and cullet content. The slight range within is based on content percent from 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  
 Recycled content: GreenCircle - Recycled Content

#### CONSISTENCY WITH OTHER PROGRAMS

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER: GreenCircle Certified

VERIFICATION #: 6H3-12918

SCREENING DATE: 2021-06-29

PUBLISHED DATE: 2021-07-01

EXPIRY DATE: 2024-06-29

## 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](http://www.hpd-collaborative.org/hpd-2-2-standard)

### CERTAINTeed INSULATION UNFACED FIBER GLASS BATT AND BLANKET MANUFACTURED IN KANSAS CITY, KS

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES  
CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities have been considered and noted when applicable to the reporting threshold of 1000 ppm.

OTHER PRODUCT NOTES: The raw material range is based on content percent from a range of 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: **2021-06-29 13:56:01**

#: **50.0000 - 62.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Glass component**

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

SUBSTANCE NOTES: Once the glass/quartz is processed the potential hazard is greatly reduced. There is still a slight hazard or irritation in the final product. The raw material is added in accordance to all PPE requirements within the manufacturing process. Installation of the product should be handled in accordance to the SDS.

The raw material range is based on content percent from a range of 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: **2021-06-29 13:56:02**

#: **7.5000 - 10.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

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

**SUBSTANCE NOTES:** Due to the potential health hazards of this material, it is added in accordance to the manufacturer's SDS. All residuals and impurities have been considered and noted when applicable to the reporting threshold of 1000 ppm. The raw material range is based on content percent from a range of 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

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-29 13:56:02</b>		
#: <b>5.0000 - 8.0000</b>	GS: <b>LT-UNK</b>	RC: <b>Both</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Glass component</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

**SUBSTANCE NOTES:** RC certificates are available. Pre RC is from off-spec flat glass in window manufacturing process and factory damaged auto glass. Post RC is from auto glass replacement. The raw material range is based on content percent from a range of raw material suppliers and the multiple family of products that are represented through this HPD.

### PROPRIETARY SUBSTANCE 10

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-29 13:56:03</b>		
#: <b>3.0000 - 7.0000</b>	GS: <b>BM-4</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Processing regulator</b>
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 the multiple family of products that are represented through this HPD.

### SODIUM CARBONATE

ID: 497-19-8

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-29 13:56:03</b>		
#: <b>1.0000 - 12.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Processing regulator</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
EYE	EU - GHS (H-Statements)	H319 - Causes serious eye irritation		

**SUBSTANCE NOTES:** The raw material range is based on content percent from a range of 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: **2021-06-29 13:56:04**%: **0.5000 - 1.5000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

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

SUBSTANCE NOTES: Due to the potential health hazards of this material, it is added in accordance to the manufacturer's SDS. All residuals and impurities have been considered and noted when applicable to the reporting threshold of 1000 ppm. The raw material range is based on content percent from a range of 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: **2021-06-29 13:56:05**%: **0.0000 - 5.0000** GS: **BM-3** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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 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: **2021-06-29 13:29:11**%: **0.0000 - 5.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

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 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: **2021-06-29 13:56:05**%: **0.0000 - 10.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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 raw material suppliers and the multiple family of products that are represented through this HPD.

**SODIUM NITRATE**

ID: 7631-99-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-29 13:56:06**%: **0.0000 - 0.3000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

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 raw material suppliers and the multiple family of products that are represented through this HPD.

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Due to the potential health hazards of this material, it is added in accordance to the manufacturer's SDS. The raw material range is based on content percent from a range of raw material suppliers and the multiple family of products that are represented through this HPD.

**UNDISCLOSED**

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-29 13:56:06</b>		
%: <b>0.0000 - 2.5000</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Processing regulator</b>

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 raw material suppliers and the multiple family of products that are represented through this HPD.

**PROPRIETARY SUBSTANCE 1**

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-29 13:56:06</b>		
%: <b>0.0000 - 1.0000</b>	GS: <b>BM-4</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>

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 the multiple family of products that are represented through this HPD.

**PROPRIETARY SUBSTANCE 2**

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-29 13:56:07</b>		
%: <b>0.0000 - 1.0000</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>

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

**PROPRIETARY SUBSTANCE 3**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-29 13:56:04**

%: **0.0000 - 5.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MAM	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAM	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MAM	EU - GHS (H-Statements)	H331 - Toxic if inhaled
GEN	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
GEN	GHS - New Zealand	6.6A - Known or presumed human mutagens
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]
GEN	GHS - Japan	Germ cell mutagenicity - Category 1B [H340]

SUBSTANCE NOTES: Due to the potential health hazards of this material, it is added in accordance to the manufacturer's SDS. This substance is considered proprietary by the supplier but has been third-party verified. The raw material range is based on the multiple family of products that are represented through this HPD.

**PROPRIETARY SUBSTANCE 4**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-29 13:56:08**

%: **0.0000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
PHY	GHS - Korea	H290 - May be corrosive to metals

SUBSTANCE NOTES: This substance is considered proprietary by the supplier but has been third-party verified. The raw material range is based on the multiple family of products that are represented through this HPD.

**PROPRIETARY SUBSTANCE 5**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-29 13:56:08**

%: **0.0000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: This substance is considered proprietary by the supplier but has been third-party verified. The raw material range is based on the multiple family of products that are represented through this HPD.

**PROPRIETARY SUBSTANCE 6**

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-29 13:56:09</b>		
?: <b>0.0000 - 0.5000</b>	GS: <b>BM-1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>



HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	EU - GHS (H-Statements)	H350 - May cause cancer
CAN	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
CAN	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
RES	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CAN	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
MAM	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAM	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MAM	EU - GHS (H-Statements)	H331 - Toxic if inhaled
GEN	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MAM	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
CAN	GHS - Australia	H350i - May cause cancer by inhalation
CAN	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CAN	GHS - Korea	Carcinogenicity - Category 1 [H350 - May cause cancer]
CAN	GHS - Japan	Carcinogenicity - Category 1A [H350]

SUBSTANCE NOTES: This substance is considered proprietary by the supplier but has been third-party verified. The raw material range is based on the multiple family of products that are represented through this HPD.

**PROPRIETARY SUBSTANCE 7**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-29 13:56:09**

#: **0.0000 - 5.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

SUBSTANCE NOTES: This substance is considered proprietary by the supplier but has been third-party verified. The raw material range is based on the multiple family of products that are represented through this HPD.

**PROPRIETARY SUBSTANCE 8**

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-29 13:56:10</b>		
%: <b>0.0000 - 1.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>

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 the multiple family of products that are represented through this HPD.

**PROPRIETARY SUBSTANCE 9**

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-29 13:56:10</b>		
%: <b>0.0000 - 1.0000</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>

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 the multiple family of products that are represented through this HPD.

**PROPRIETARY SUBSTANCE 11**

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-29 13:56:11</b>		
%: <b>0.0000 - 5.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: This substance is considered proprietary by the supplier but has been third-party verified. The raw material range is based on the multiple family of products that are represented through this HPD.

**UNDISCLOSED**

ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-29 13:56:11</b>		
%: <b>0.0000 - 0.1000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Binder</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage

SUBSTANCE NOTES: The raw material range is based on content percent from a range of 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: 2009-03-29	EXPIRY DATE: 2021-10-27	CERTIFIER OR LAB: UL
APPLICABLE FACILITIES: All Facilities			
CERTIFICATE URL: <a href="https://spot.ul.com/">https://spot.ul.com/</a>			
CERTIFICATION AND COMPLIANCE NOTES: CertainTeed Insulation CertainTeed Sustainable Insulation UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings 9577-420 Certificate Number			

RECYCLED CONTENT	GreenCircle - Recycled Content		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-10-01	EXPIRY DATE: 2021-09-30	CERTIFIER OR LAB: GreenCircle Certified
APPLICABLE FACILITIES: Athens, GA; Chowchilla, CA; Kansas City, KS; Ottawa, Ontario, Canada; Redcliff, Alberta, Canada			
CERTIFICATE URL: <a href="http://database.greencirclecertified.com/database/uploads/pdf/20-0277+-+Blanket-o4l.pdf">http://database.greencirclecertified.com/database/uploads/pdf/20-0277+-+Blanket-o4l.pdf</a>			
CERTIFICATION AND COMPLIANCE NOTES: Sustainable Insulation - Metal Building Insulation 202-96, Canadian Metal Building Insulation, Commerical Blanket Insulation, Universal Blanket, Metal Building Insulation Filler Blanket, High Temperature Blanket, Unfaced, High Temperature Blanket (Type 1 & 2 Roll) Unfaced, Sustainable Insulation - Metal Building Insulation 202-96, Unfaced, Canadian Metal Building Insulation, Unfaced, and Hi-Temp Insulation			

## 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 raw materials have been screened through the HPD Builder Tool and noted at the 1000 ppm threshold. Further disclosure is not possible due to the proprietary nature of some of the raw materials in this HPD. This HPD fails LEED Option 2 due to the Sand content which is inherent in insulation products as well as batch processed additives and a co-polymer binder, and the reporting limit of the sourced material is proprietary at the 100 ppm threshold.

Proper care and caution has been noted in the production process and safe handling of material can be found on the SDS in the link below. For complete Safety and EHS information on any and all CertainTeed Insulation Products please see <https://www.certainteed.com/buildinginsulation/>. Additional Transparency documentation can be found at <https://saintgobain.ecomedes.com/>

**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 Product Manager  
**PHONE:** +1 610-893-5367 or 1-800-233-8990  
**EMAIL:** [Elyse.Inglese@saint-gobain.com](mailto:Elyse.Inglese@saint-gobain.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**

<b>AQU</b> Aquatic toxicity	<b>LAN</b> Land toxicity	<b>PHY</b> Physical hazard (flammable or reactive)
<b>CAN</b> Cancer	<b>MAM</b> Mammalian/systemic/organ toxicity	<b>REP</b> Reproductive
<b>DEV</b> Developmental toxicity	<b>MUL</b> Multiple	<b>RES</b> Respiratory sensitization
<b>END</b> Endocrine activity	<b>NEU</b> Neurotoxicity	<b>SKI</b> Skin sensitization/irritation/corrosivity
<b>EYE</b> Eye irritation/corrosivity	<b>NF</b> Not found on Priority Hazard Lists	<b>UNK</b> Unknown
<b>GEN</b> Gene mutation	<b>OZO</b> Ozone depletion	
<b>GLO</b> Global warming	<b>PBT</b> Persistent, bioaccumulative, and toxic	

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> 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.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>NoGS</b> No GreenScreen.
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	

**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.*