

CLASSIFICATION: 07 21 00

PRODUCT DESCRIPTION: This HPD included all CertainTeed Unfaced Fiber Glass Batt and Blanket Products produced at all facilities. 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

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

#### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

Yes

No

PREPARER: **Self-Prepared**

VERIFIER: **GreenCircle Certified**

VERIFICATION #: **6H3-9717**

SCREENING DATE: **2020-03-04**

PUBLISHED DATE: **2020-03-06**

EXPIRY DATE: **2023-03-04**



## 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](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

### CERTAINTEED UNFACED FIBER GLASS BATT AND BLANKET

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 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: 2020-03-04

#: 7.50 - 10.00

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

### PROPRIETARY SUBSTANCE 10

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-03-04

#: 3.00 - 7.00

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.

## SODIUM CARBONATE

ID: 497-19-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-03-04**

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

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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: **2020-03-04**

#: **0.50 - 1.50** GS: **LT-P1** 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: 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 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: **2020-03-04**

#: **0.00 - 5.00** 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.

## QUARTZ

ID: 14808-60-7

#: **0.00 - 60.00** 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: 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 manufacturing locations, raw material suppliers and the multiple family of products that are represented through this HPD.

## NEPHELINE SYENITE

ID: **37244-96-5**

#: **0.00 - 5.00** 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: 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**

#: **0.00 - 10.00** 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.

### SODIUM NITRATE

ID: 7631-99-4

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

HAZARD SCREENING DATE: **2020-03-04**

#: **0.00 - 0.30** 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 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 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

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

HAZARD SCREENING DATE: **2020-03-04**

#: **0.00 - 80.00** 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: 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.

This represents mixed cullet and curb side pick-up recycled materials.

### PROPRIETARY SUBSTANCE 1

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2020-03-04**

#: **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 2

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2020-03-04**

#: **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.

### PROPRIETARY SUBSTANCE 3

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2020-03-04**

#: **0.00 - 5.00**      GS: **LT-P1**      RC: **None**      NANO: **No**      ROLE: **Batch Processing Additive**

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

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

This substance is considered proprietary by the supplier but has been third-party verified.

#### PROPRIETARY SUBSTANCE 4

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2020-03-04**

#: **0.00 - 1.00** GS: **LT-P1** 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
PHYSICAL HAZARD (REACTIVE)	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 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 5

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2020-03-04**

#: **0.00 - 1.00** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Additive in Binder**

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

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 6

ID: **Undisclosed**

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

HAZARD SCREENING DATE: **2020-03-04**

#: **0.00 - 0.50** GS: **BM-1** RC: **None** NANO: **No** ROLE: **Additive in Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
CANCER	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
MAMMALIAN	EU - GHS (H-Statements)	H301 - Toxic if swallowed
MAMMALIAN	EU - GHS (H-Statements)	H311 - Toxic in contact with skin
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MAMMALIAN	EU - GHS (H-Statements)	H331 - Toxic if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
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
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances
CANCER	GHS - Korea	Carcinogenicity - Category 1 [H350 - May cause cancer]
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
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:** 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.

#: **0.00 - 5.00** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Additive in Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKIN IRRITATION

EU - GHS (H-Statements)

H315 - Causes skin irritation

EYE IRRITATION

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 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 8**ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-04**

#: **0.00 - 1.00** GS: **LT-UNK** 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 9**ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-04**

#: **0.00 - 1.00** GS: **NoGS** 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 11**ID: **Undisclosed**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-03-04**

#: **0.00 - 5.00** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Additive in Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY

AOEC - Asthmagen

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 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: **2020-03-04**

#: **0.00 - 2.50**                      GS: **NoGS**                      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: 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: **2020-03-04**

#: **0.00 - 0.10**                      GS: **LT-UNK**                      RC: **None**                      NANO: **No**                      ROLE: **Binder Additive**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKIN IRRITATION

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 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

N/A

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2020-**

EXPIRY DATE: **2021-**

CERTIFIER OR LAB: **N/A**

APPLICABLE FACILITIES: **None**

**03-02**

**03-02**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **N/A**

## 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.



## 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: **SaleSupport 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.*