CertainTeed Premium Blowing Wool - Loosefill Insulation - Chowchilla by Saint Gobain

Health Product Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 25203
CLASSIFICATION: 07 21 00 Thermal Insulation
PRODUCT DESCRIPTION: This HPD includes all of Saint Gobain - CertainTeed's Premium Loosefill products produced at Chowchilla, California facility. Products included: InsulSafeSP® Insulation, OPTIMA® Insulation, True Comfort® Insulation, InsulSafeXC® Insulation, and InsulSafe ARMOR®. InsulSafeSP® insulation with intended for use in open blow applications, such as attics. OPTIMA® Insulation with intended for closed cavity applications in walls and floor/ceiling applications,. True Comfort® insulation with intended for use in open blow applications, such as attics by DIY installers. InsulSafeXC® Insulation with intended for use in commercial and residential open blow applications. InsulSafe ARMOR® a blown-in fiberglass insulation used for thermal insulation within a freestanding spa.

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
- ○ 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 PREMIUM BLOWING WOOL - LOOSEFILL INSULATION - CHOWCHILLA [QUARTZ LT-1 | CAN GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED) LT-UNK SODIUM CARBONATE LT-UNK | EYE SODIUM TETRABORATE LT-1 | END | REP | MUL DOLOMITE NoGS SODIUM SULFATE ANHYDROUS LT-UNK MANGANESE DIOXIDE LT-P1 SODIUM NITRATE LT-P1 | END HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL) LT-1 | CAN | MUL DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC LT-1 | CAN | MUL LUBRICATING OILS, PETROLEUM, HYDROTREATED SPENT LT-P1 | CAN PROPRIETARY SUBSTANCE 1 LT-UNK PROPRIETARY SUBSTANCE 2 LT-UNK PROPRIETARY SUBSTANCE 3 LT-UNK LIMESTONE LT-UNK]

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All raw materials have been screened through the HPD Builder Tool. All residuals and impurities have been identified and noted if applicable in the 1000 ppm reporting threshold. The raw material range is reflective of the multiple products within this HPD as noted in the Product Description Section.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

VOC emissions: UL/GreenGuard Gold Certified
VOC emissions: UL/GreenGuard Gold Certified
Recycled content: GreenCircle - Recycled Content
LCA: Environmental Product Declaration (EPD) by UL

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified? PREPARER: Self-Prepared SCREENING DATE: 2021-06-30

◉ Yes	VERIFIER: GreenCircle Certified	PUBLISHED DATE: 2021-06-30
○ No	VERIFICATION #: 6H3-11782	EXPIRY DATE: 2024-06-30

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

CERTAINTEED PREMIUM BLOWING WOOL - LOOSEFILL INSULATION - CHOWCHILLA

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when the reach the 1000 ppm reporting threshold.

OTHER PRODUCT NOTES: Third party product certifications for Greenguard VOC compliance are found in Section 3. Life Cycle Assessment and Recycled Content Certifications are also in Section 3 or on UL Spot. Additional product information can be found at https://www.certainteed.com/building-insulation/ or in the links below or at https://saintgobain.ecomedes.com/

QUARTZ

ID: 14808-60-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:34**

%: **28.0000 - 40.0000** 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: Sand is used within the high temperature furnace to create the insulation wool. The form specific inhalation hazard of the Quartz is alleviated with processing as the material is no longer a respirable risk but intrinsically bound within the matrix of the insulation structure. Form-Specific Hazard: This substance's GreenScreen Benchmark or List Translator score and the applicable hazards are related to particulate inhalation, which is expected to occur only during manufacture, installation, maintenance, or demolition, due to activities such as sawing, sanding, grinding, or intensive cleaning. See HPDC's Special Conditions policy for more information. Manufacturer's Safety Data Sheet (SDS), if applicable, may offer occupational health and safety information. https://www.hpd-collaborative.org/wpcontent/uploads/2020/01/Form-specific-hazards-FINAL-2019-12-19.pdf. This substance meets the requirements of this policy to be considered encapsulated. All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when the reach the 1000 ppm reporting threshold. The raw material range is reflective of the multiple products within this HPD.

GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED)

ID: 65997-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:34**

%: **22.0000 - 38.5000** GS: **LT-UNK** RC: **Both** NANO: **No** SUBSTANCE ROLE: **Glass component**

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

SUBSTANCE NOTES: Recycled Glass Cullet is heated to create the wool insulation. 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. All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when the reach the 1000 ppm reporting threshold. The raw material range is reflective of the multiple products within this HPD as noted in the Product Description Section.

SODIUM CARBONATE

ID: **497-19-8**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:35**

%: **10.0000 - 12.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Glass component**

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

SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when the reach the 1000 ppm reporting threshold. The raw material range is reflective of the multiple products within this HPD as noted in the Product Description Section

SODIUM TETRABORATE

ID: **1330-43-4**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:35**

%: **9.5000 - 11.0000** GS: **LT-1** RC: **UNK** NANO: **No** SUBSTANCE ROLE: **Flame retardant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REP	EU - GHS (H-Statements)	H360FD - May damage fertility. May damage the unborn child
REP	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
REP	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
REP	EU - SVHC Authorisation List	Toxic to reproduction - Prioritized for listing
REP	GHS - Japan	Toxic to reproduction - Category 1B [H360]
REP	GHS - Korea	Category 1(1B) [H360 - May damage fertility or the unborn child]
REP	GHS - Australia	H360FD - May damage fertility. May damage the unborn child

SUBSTANCE NOTES: Although this material has potential human health impacts, it is utilized as a flame retardant increasing the overall safety of the product. This material is bound within the structure of the fiber and the health concern is during production, where extreme caution is used. All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when the reach the 1000 ppm reporting threshold. The raw material range is reflective of the multiple products within this HPD as noted in the Product Description Section

DOLOMITE

ID: 16389-88-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:35**

%: **6.0000 - 8.0000** 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: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when the reach the 1000 ppm reporting threshold. The raw material range is reflective of the multiple products within this HPD as noted in the Product Description Section.

SODIUM SULFATE ANHYDROUS

ID: 7757-82-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:36**

%: **0.3000 - 0.7000** 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: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when the reach the 1000 ppm reporting threshold. The raw material range is reflective of the multiple products within this HPD as noted in the Product Description Section.

MANGANESE DIOXIDE

ID: 1313-13-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:36**

%: **0.2500 - 0.4000** 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: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when the reach the 1000 ppm reporting threshold. The raw material range is reflective of the multiple products within this HPD as noted in the Product Description Section.

SODIUM NITRATE

ID: 7631-99-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:37**

%: **0.0500 - 0.2000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

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

SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when the reach the 1000 ppm reporting threshold. The raw material range is reflective of the multiple products within this HPD as noted in the Product Description Section.

HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL)

ID: 64742-54-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:37**

%: **0.0000 - 0.1813** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

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
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CAN	GHS - Australia	H350 - May cause cancer

SUBSTANCE NOTES: Production/processing additive. All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when the reach the 1000 ppm reporting threshold. The raw material range is reflective of the multiple products within this HPD as noted in the Product Description Section.

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC

ID: **64742-55-8**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:38**

%: **0.0000 - 0.1813** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

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
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CAN	GHS - Australia	H350 - May cause cancer

SUBSTANCE NOTES: Production/processing additive. All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when the reach the 1000 ppm reporting threshold. The raw material range is reflective of the multiple products within this HPD as noted in the Product Description Section.

LUBRICATING OILS, PETROLEUM, HYDROTREATED SPENT

ID: **64742-58-1**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:38**

%: **0.0000 - 0.1813** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Processing regulator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	GHS - Australia	H350 - May cause cancer

SUBSTANCE NOTES: Production/processing additive. All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when the reach the 1000 ppm reporting threshold. The raw material range is reflective of the multiple products within this HPD as noted in the Product Description Section.

PROPRIETARY SUBSTANCE 1

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:39**

%: **0.0000 - 2.0000** 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: This substance is considered proprietary by the supplier but has been third-party verified.

PROPRIETARY SUBSTANCE 2

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:39**

%: **0.0000 - 0.7000** 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: This substance is considered proprietary by the supplier but has been third-party verified.

PROPRIETARY SUBSTANCE 3

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:39**

%: **0.0000 - 0.4000** 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: This substance is considered proprietary by the supplier but has been third-party verified.

LIMESTONE

ID: **1317-65-3**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 19:55:40**

%: **0.0000 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Glass component**

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

SUBSTANCE NOTES: All materials have been screened through the HPD Builder tool and residuals and impurities have been noted when the reach the 1000 ppm reporting threshold. The raw material range is reflective of the multiple products within this HPD as noted in the Product Description Section.

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 APPLICABLE FACILITIES: Athens, GA Chowchilla, CA and Kansas City KS CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1e80355b0e82d946a046e?page_type=Products%20Catalog	ISSUE DATE: 2006-03-29	EXPIRY DATE: 2021-10-27	CERTIFIER OR LAB: UL

CERTIFICATION AND COMPLIANCE NOTES: OPTIMA® Blowing Insulation UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings Cert# 388-420

VOC EMISSIONS	UL/GreenGuard Gold Certified		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Athens, GA Chowchilla, CA and Kansas City KS CERTIFICATE URL: https://spot.ul.com/main-app/products/detail/5ad1e80355b0e82d946a046f?page_type=Products%20Catalog	ISSUE DATE: 2006-03-29	EXPIRY DATE: 2021-10-27	CERTIFIER OR LAB: UL

CERTIFICATION AND COMPLIANCE NOTES: Insulsafe® SP, Insulsafe® XC, TrueComfort® Canada Premium Blowing Wools UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings Cert# 389-420. This Certificate does not yet apply to InsulSafe ARMOR which launched in February 2021. This product is currently manufactured similarly to InsulSafeSP. InsulSafe ARMOR will be part of next round of VOC testing in October 2021.

RECYCLED CONTENT	GreenCircle - Recycled Content		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Athens, GA; Chowchilla, CA; Kansas City, KS; Ottawa, Ontario, Canada CERTIFICATE URL: http://database.greencirclecertified.com/database/uploads/pdf/20-0384+Blowing+Wool-1tf.pdf	ISSUE DATE: 2020-10-01	EXPIRY DATE: 2021-09-30	CERTIFIER OR LAB: GreenCircle Certified

CERTIFICATION AND COMPLIANCE NOTES: This product meets all the necessary qualifications to be certified for the following claims 30% Recycled Content, Certification Number: 20-0278. Certificate 20-0278 does not yet apply to InsulSafe ARMOR which launched in February 2021. This product is currently manufactured with the same recycled content as InsulSafeSP. InsulSafe ARMOR will be part of CertainTeed's on-going 3rd party recycled content validation program with Green Circle Certified. The updated certificates; which will include ARMOR, are anticipated to be released September 2021.

LCA	Environmental Product Declaration (EPD) by UL		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Athens, GA Chowchilla, CA and Kansas City, KS CERTIFICATE URL: https://www.certainteed.com/resources/CertainTeed_BlowingWool_EPD.pdf	ISSUE DATE: 2019-01-01	EXPIRY DATE: 2024-12-31	CERTIFIER OR LAB: UL

CERTIFICATION AND COMPLIANCE NOTES: UL Environmental 4788647002.102.1 Blowing Wool Fiberglass Insulation: InsulSafe SP®, InsulSafe XC®, True Comfort® and OPTIMA® January 1, 2019 – December 31, 2024 Athens, GA Chowchilla, CA and Kansas City KS. This document does not yet apply to InsulSafe ARMOR which launched in February 2021. The InsulSafe ARMOR is anticipated to be added to the EPD in June 2022.

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 processing additives and a co-polymer binder. Once the Sand component also known as Quartz is processed it no longer is a respirable hazard and the human health warnings do not apply to the end product. The processing additives and co-binder are added according to the manufacturer's PPE recommendations. 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/building-insulation/. Additional Transparency documentation can be found at https://saintgobain.ecomedes.com/

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **Saint Gobain**
ADDRESS: **20 Moores Rd**
Malvern Pennsylvania 19355-1114, 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**

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

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 (due to insufficient data)
LT-P1 List Translator Possible 1 (Possible Benchmark-1)
LT-1 List Translator 1 (Likely Benchmark-1)
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.)
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.