

HPD UNIQUE IDENTIFIER: 21311

CLASSIFICATION: 09 51 53 Direct-Applied Acoustical Ceilings

PRODUCT DESCRIPTION: This HPD covers the following CertainTeed Ceilings Products: Acoustiform, Alaska, Avalon, Avalon Dimensions, Baroque, Baroque Customline, Directional Fissured, Fine Fissured, Fine Fissured Customline, Grenada, Rio, Sand Micro, Sand Micro Customline, School Board and Serene.

Section 1: Summary

Nested 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

Residuals/Impurities
Considered in 2 of 2 Materials

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

All substances disclosed by Name (Specific or Generic) and Identifier.

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

7C CORE BOARD [**PERLITE** LT-UNK **SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)** LT-UNK **CELLULOSE, MICROCRYSTALLINE** LT-UNK | RES **SOLUBLE STARCH** NoGS] **7C PAINT FORMULATION** [**KAOLIN CLAY** LT-UNK | CAN **CALCIUM CARBONATE** BM-3 **POLY(VINYL ALCOHOL)** LT-UNK **TALC** BM-1 | CAN **TITANIUM DIOXIDE** LT-1 | CAN | END]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This HPD covers the following CertainTeed Ceilings Products: Acoustiform, Alaska, Avalon, Avalon Dimensions, Baroque, Baroque Customline, Directional Fissured, Fine Fissured, Fine Fissured Customline, Grenada, Rio, Sand Micro, Sand Micro Customline, School Board and Serene

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: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-08-10

PUBLISHED DATE: 2020-08-10

EXPIRY DATE: 2023-08-10



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

7C CORE BOARD

%: 95.0000 - 98.0000

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Other: Acoustical Ceiling Tile Core Board

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities have been considered and noted when applicable to the HPD Builder Guidelines.

OTHER MATERIAL NOTES: This HPD covers the following CertainTeed Ceilings Products: Alaska, Avalon, Avalon Dimensions, Baroque, Baroque Customline, Directional Fissured, Fine Fissured, Fine Fissured Customline, Grenada, Rio, Sand Micro, Sand Micro Customline, School Board and Serene.

PERLITE

ID: 93763-70-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-10

%: 38.0000 - 54.0000

GS: LT-UNK

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 range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile. All residuals and impurities are considered and noted when applicable.

SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-10

%: 18.0000 - 22.0000

GS: LT-UNK

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 range of the raw material is directly dependant on the thickest and dimensions of the ceiling tile. All residuals and impurities are considered and noted when applicable.

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-08-10

%: **14.0000 - 19.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile. All residuals and impurities are considered and noted when applicable.

SOLUBLE STARCH

ID: **9005-84-9**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-10**

%: **6.0000 - 8.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile. All residuals and impurities are considered and noted when applicable.

7C PAINT FORMULATION

%: **2.0000 - 5.0000**

PRODUCT THRESHOLD: **100 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Other: Coating**

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities have been considered and noted when applicable to the HPD Builder Guidelines.

OTHER MATERIAL NOTES: This paint formulation is incorporated in the following products; Alaska, Avalon, Avalon Dimensions, Baroque, Baroque Customline, Directional Fissured, Fine Fissured, Fine Fissured Customline, Grenada, Rio, Sand Micro, Sand Micro Customline, School Board and Serene.. The ranges within the formulation are representative of the ranges in the individual paint formulations.

KAOLIN CLAY

ID: **1332-58-7**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-08-10**

%: **10.0000 - 40.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: This paint formulation is incorporated in the following products; Acoustiform, Alaska, Avalon, Avalon Dimensions, Baroque, Baroque Customline, Directional Fissured, Fine Fissured, Fine Fissured Customline, Grenada, Rio, Sand Micro, Sand Micro Customline, School Board and Serene. The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and applicable paint formulation. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-08-10**%: **7.0000 - 28.0000**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: This paint formulation is incorporated in the following products; Acoustiform, Alaska, Avalon, Avalon Dimensions, Baroque, Baroque Customline, Directional Fissured, Fine Fissured, Fine Fissured Customline, Grenada, Rio, Sand Micro, Sand Micro Customline, School Board and Serene. The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and applicable paint formulation. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.

POLY(VINYL ALCOHOL)

ID: 9002-89-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-08-10**%: **6.0000 - 15.0000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This paint formulation is incorporated in the following products; Alaska, Avalon, Avalon Dimensions, Baroque, Baroque Customline, Directional Fissured, Fine Fissured, Fine Fissured Customline, Grenada, Rio, Sand Micro, Sand Micro Customline, School Board and Serene. The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and applicable paint formulation. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.

TALC

ID: 14807-96-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-08-10**%: **2.0000 - 8.0000**GS: **BM-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Filler**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: This paint formulation is incorporated in the following products; Acoustiform, Alaska, Avalon, Avalon Dimensions, Baroque, Baroque Customline, Directional Fissured, Fine Fissured, Fine Fissured Customline, Grenada, Rio, Sand Micro, Sand Micro Customline, School Board and Serene. The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and applicable paint formulation. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-08-10**%: **2.0000 - 18.0000**GS: **LT-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Brightener**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: There is no respiratory fraction as this is bound within the paint and Industrial hygiene testing is lower than the OSHA PEL.

This paint formulation is incorporated in the following products; Acoustiform, Alaska, Avalon, Avalon Dimensions, Baroque, Baroque Customline, Directional Fissured, Fine Fissured, Fine Fissured Customline, Grenada, Rio, Sand Micro, Sand Micro Customline, School Board and Serene. The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and applicable paint formulation. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.

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

CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: **Berkeley**

APPLICABLE FACILITIES: **L'Anse Michigan**

06-03

Analytical

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

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.

ACOUSTIC CEILING SUSPENSION SYSTEMS

HPD URL: **No HPD Available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Ceiling tiles are seated inside of ceiling grid that is hung from an overhead structure. For additional information please refer to the website <http://www.certainteed.com/commercial-ceilings/>

Section 5: General Notes

All raw materials have been screened through the HPD Builder Tool and noted 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 Ceiling Products please see <https://www.certainteed.com/commercial-ceilings/>

MANUFACTURER INFORMATION

MANUFACTURER: **Saint Gobain**ADDRESS: **20 Moores Road
Malvern PA 19355, United States**

WEBSITE:

<https://www.certainteed.com/commercialceilings/>CONTACT NAME: **Robert Marshall**TITLE: **Senior Technical Services Manager**PHONE: **800-235-8990**EMAIL: **Robert.L.Marshall@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

