

HPD UNIQUE IDENTIFIER: 22755

CLASSIFICATION: 09 51 13 Acoustical Panel 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

<p>Inventory Reporting Format</p> <p><input checked="" type="radio"/> Nested Materials Method</p> <p><input type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material</p> <p><input checked="" type="radio"/> Product</p>	<p>Threshold level</p> <p><input checked="" type="radio"/> 100 ppm</p> <p><input type="radio"/> 1,000 ppm</p> <p><input type="radio"/> Per GHS SDS</p> <p><input type="radio"/> Other</p>	<p>Residuals/Impurities</p> <p>Residuals/Impurities Considered in 2 of 2 Materials</p> <p>Explanation(s) provided for Residuals/Impurities?</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p><i>All Substances Above the Threshold Indicated Are:</i></p> <p>Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>% weight and role provided for all substances.</i></p> <p>Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances screened using Priority Hazard Lists with results disclosed.</i></p> <p>Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No</p> <p><i>All substances disclosed by Name (Specific or Generic) and Identifier.</i></p>
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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: 2020-10-30

PUBLISHED DATE: 2020-10-30

EXPIRY DATE: 2023-10-30

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: **2020-10-30**%: **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: **2020-10-30**%: **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: **2020-10-30**%: **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: **2020-10-30**%: **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: **2020-10-30**

#: **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: **2020-10-30**

#: **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: **2020-10-30**

#: **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: **2020-10-30**

#: **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: **2020-10-30**

%: **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: 2019-06-03

CERTIFIER OR LAB: Berkeley Analytical

APPLICABLE FACILITIES: L'Anse Michigan

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.

CERTAINTEED CEILINGS STEEL SUSPENSION SYSTEM WITH PAINTED ALUMINUM CAPPING BY SAINT GOBAIN

HPD URL: <https://hpdrepository.hpd-collaborative.org/Pages/Results.aspx#k=22741>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

This is one of three recommended suspension system for this product line.

CERTAINTEED CEILINGS STEEL SUSPENSION SYSTEM WITH PAINTED STEEL CAPPING BY SAINT GOBAIN

HPD URL: <https://hpdrepository.hpd-collaborative.org/Pages/Results.aspx#k=22740>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

This is one of three recommended suspension systems for this product line.

CERTAINTEED CEILINGS SUSPENSION SYSTEMS 916 EZ STAB BOLT SLOT AND 916 EZ STAB TIER DROP SYSTEMS

HPD URL: <https://hpdrepository.hpd-collaborative.org/Pages/Results.aspx#k=22723>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

This is one of three recommended suspension systems for this product line.

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/> CertainTeed has screened the following products and their ingredients against chemicals listed in Living Building Challenge Red List 4.0. CertainTeed Ceilings 7C Products do not contain the listed chemicals above 100 ppm. Note the recommended suspension systems also have HPD's and will generate an additional LEED point for incorporation into the ceiling design.

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	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.)
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)	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.