

HPD UNIQUE IDENTIFIER: 22756

CLASSIFICATION: 09 51 13 Acoustical Panel Ceilings

PRODUCT DESCRIPTION: This HPD covers the following CertainTeed Ceilings Products: Avalon Fire-rated, Protectone Baroque, Protectone Baroque Customline, Protectone Cashmere, Protectone Sky, Protectone Directional Fissured, Protectone Fine Fissured, Protectone Fine Fissured Customline and Protectone School Board.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

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

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**

**G2 CORE BOARD | SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) | LT-UNK | PERLITE | LT-UNK | CELLULOSE, MICROCRYSTALLINE | LT-UNK | RES | SOLUBLE STARCH | NoGS | G2 PAINT | KAOLIN CLAY | LT-UNK | CAN | CALCIUM CARBONATE | BM-3 TALC | BM-1 | CAN | POLY(VINYL ALCOHOL) | LT-UNK | 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:

All residuals and impurities have been considered and have been noted when applicable under the HPD Builder Guidelines.

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

**G2 CORE BOARD**

**%: 94.0000 - 99.0000**

PRODUCT THRESHOLD: 100 ppm    RESIDUALS AND IMPURITIES CONSIDERED: Yes    MATERIAL TYPE: Other: Composite acoustical board

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

OTHER MATERIAL NOTES: This core board formulation is incorporated in the following products Avalon Fire-rated, Protectone Baroque, Protectone Baroque Customline, Protectone Cashmere, Protectone Sky, Protectone Directional Fissured, Protectone Fine Fissured, Protectone Fine Fissured Customline and Protectone School Board variations within the formulation are a result of the represented product groups.

**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**%: **36.0000 - 52.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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

SUBSTANCE NOTES: This core board formulation is incorporated in the following products Avalon Fire-rated, Protectone Baroque, Protectone Baroque Customline, Protectone Cashmere, Protectone Sky, Protectone Directional Fissured, Protectone Fine Fissured, Protectone Fine Fissured Customline, Protectone School Board variations within the formulation are a result of the represented product groups.

**PERLITE**

ID: 93763-70-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-30**%: **19.0000 - 36.0000** 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: This core board formulation is incorporated in the following products Avalon Fire-rated, Protectone Baroque, Protectone Baroque Customline, Protectone Cashmere, Protectone Sky, Protectone Directional Fissured, Protectone Fine Fissured, Protectone Fine Fissured Customline, Protectone School Board variations within the formulation are a result of the represented product groups.

**CELLULOSE, MICROCRYSTALLINE**

ID: 9004-34-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-30**%: **6.0000 - 12.0000** 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: This core board formulation is incorporated in the following products Avalon Fire-rated, Protectone Baroque, Protectone Baroque Customline, Protectone Cashmere, Protectone Sky, Protectone Directional Fissured, Protectone Fine Fissured, Protectone Fine Fissured Customline, Protectone School Board variations within the formulation are a result of the represented product groups.

**SOLUBLE STARCH**

ID: 9005-84-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-30**%: **5.0000 - 12.0000** 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: This core board formulation is incorporated in the following products Avalon Fire-rated, Protectone Baroque, Protectone Baroque Customline, Protectone Cashmere, Protectone Sky, Protectone Directional Fissured, Protectone Fine Fissured, Protectone Fine Fissured Customline, Protectone School Board variations within the formulation are a result of the represented product groups.

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Other: Paint Coating

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

OTHER MATERIAL NOTES: This paint formulation is incorporated in the following products; Avalon Fire-rated, Protectone Baroque, Protectone Baroque Customline, Protectone Cashmere, Protectone Sky, Protectone Directional Fissured, Protectone Fine Fissured, Protectone Fine Fissured Customline and Protectone School Board. 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**%: **15.0000 - 45.0000** 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; Avalon Fire-rated, Protectone Baroque, Protectone Baroque Customline, Protectone Cashmere, Protectone Sky, Protectone Directional Fissured, Protectone Fine Fissured, Protectone Fine Fissured Customline and Protectone School Board. The ranges within the formulation are representative of the ranges in the individual paint formulations.

**CALCIUM CARBONATE**

ID: 471-34-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-30**%: **7.0000 - 30.0000** 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; Avalon Fire-rated, Protectone Baroque, Protectone Baroque Customline, Protectone Cashmere, Protectone Sky, Protectone Directional Fissured, Protectone Fine Fissured, Protectone Fine Fissured Customline and Protectone School Board. The ranges within the formulation are representative of the ranges in the individual paint formulations.

**TALC**

ID: 14807-96-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-30**%: **3.0000 - 15.0000** 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; Avalon Fire-rated, Protectone Baroque, Protectone Baroque Customline, Protectone Cashmere, Protectone Sky, Protectone Directional Fissured, Protectone Fine Fissured, Protectone Fine Fissured Customline and Protectone School Board. The ranges within the formulation are representative of the ranges in the individual paint formulations.

**POLY(VINYL ALCOHOL)**

ID: 9002-89-5

%: **3.0000 - 12.0000**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; Avalon Fire-rated, Protectone Baroque, Protectone Baroque Customline, Protectone Cashmere, Protectone Sky, Protectone Directional Fissured, Protectone Fine Fissured, Protectone Fine Fissured Customline and Protectone School Board. The ranges within the formulation are representative of the ranges in the individual paint formulations.

**TITANIUM DIOXIDE**ID: **13463-67-7**%: **2.0000 - 15.0000**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; Avalon Fire-rated, Protectone Baroque, Protectone Baroque Customline, Protectone Cashmere, Protectone Sky, Protectone Directional Fissured, Protectone Fine Fissured, Protectone Fine Fissured Customline and Protectone School Board, Protectone Vantage 10. The ranges within the formulation are representative of the ranges in the individual paint formulations.

## 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-

EXPIRY DATE:

CERTIFIER OR LAB: Berkeley

APPLICABLE FACILITIES: L'Anse Michigan

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.*

**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 the recommended fire proof suspension system 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 G2 Products do not contain the listed chemicals above 100 ppm. Note the recommended suspension system also has an 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:** [www.certainteed.com/commercial-ceilings/](http://www.certainteed.com/commercial-ceilings/)

**CONTACT NAME:** Robert Marshall  
**TITLE:** Senior Technical Services Manager  
**PHONE:** 800-233-8990  
**EMAIL:** [Robert.L.Marshall@saint-gobain.com](mailto: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**

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

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>NoGS</b> No GreenScreen.
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	

**Recycled Types**

**PreC** Pre-consumer recycled content  
**PostC** Post-consumer recycled content  
**UNK** Inclusion of recycled content is unknown  
**None** Does not include recycled content

**Other Terms:**

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**Inventory Methods:**

**Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material  
**Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product  
**Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

**Nano** Composed of nano scale particles or nanotechnology  
**Third Party Verified** Verification by independent certifier approved by HPDC  
**Preparer** Third party preparer, if not self-prepared by manufacturer  
**Applicable facilities** Manufacturing sites to which testing applies

*The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:*

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

*Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.*

*The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.*

*The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.*