

HPD UNIQUE IDENTIFIER: 21312

CLASSIFICATION: 09 51 53 Direct-Applied Acoustical 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

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**

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

No pre-checks completed or disclosed

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-08-07

PUBLISHED DATE: 2020-08-10

EXPIRY DATE: 2023-08-07



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

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: 2020-08-07

#: 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: 2020-08-07

#: 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: **2020-08-07**%: **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: **2020-08-07**%: **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.

G2 PAINT%: **2.0000 - 6.0000**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: **2020-08-07**%: **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: **2020-08-07**

#: **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: **2020-08-07**

#: **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

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

HAZARD SCREENING DATE: **2020-08-07**

#: **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.

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

HAZARD SCREENING DATE: **2020-08-07**

#: **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-**

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.

CEILING TILE SUSPENSION SYSTEM

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. See website for additional information <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: **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**

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

