

HPD UNIQUE IDENTIFIER: 22758

CLASSIFICATION: 09 51 13 Acoustical Panel Ceilings

PRODUCT DESCRIPTION: This HPD covers the following products VinylShield A and VinylShield C.

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 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
VINYLSHIELD BOARD [SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) LT-UNK PERLITE LT-UNK KAOLIN CLAY LT-UNK | CAN CELLULOSE, MICROCRYSTALLINE LT-UNK | RES SOLUBLE STARCH NoGS] VINYLSHIELD VEIL [POLYVINYL CHLORIDE (PVC) LT-P1 | RES CELLULOSE, MICROCRYSTALLINE LT-UNK | RES POLYVINYL ACETATE (PVA) LT-UNK]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1
 Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All raw materials have been screened through the HPD Builder Tool and noted at the 100 ppm threshold. 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 and Option 2

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

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

VINYLSHIELD BOARD

%: 94.0000 - 99.0000

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes MATERIAL TYPE: Other: Acoustical Ceilings Tile Baseboard mineralfiber

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 HPD covers the following products VinylShield A and VinylShield C, 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

%: 37.0000 - 48.0000 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 HPD covers the following products VinylShield A and VinylShield C, 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

%: 20.0000 - 28.0000 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 HPD covers the following products VinylShield A and VinylShield C, variations within the formulation are a result of the represented product groups.

KAOLIN CLAY

ID: 1332-58-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-10-30

%: 16.0000 - 24.0000 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 HPD covers the following products VinylShield A and VinylShield C, 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**

%: 8.0000 - 16.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: This HPD covers the following products VinylShield A and VinylShield C, 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
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This HPD covers the following products VinylShield A and VinylShield C, variations within the formulation are a result of the represented product groups.

VINYLSHIELD VEIL%: **2.0000 - 6.0000**

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes	MATERIAL TYPE: Other: Veil material covering facing of Acoustical Ceiling Tile
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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 HPD covers the following products VinylShield A and VinylShield C, variations within the formulation are a result of the represented product groups.

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-30**%: **75.0000 - 90.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Insulator**

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

SUBSTANCE NOTES: Fully reacted PVC compressed into a facer/veil which is adhered to the core board to improve acoustical properties. The range within the facer/veil is based on the suppliers SDS information.

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-30**%: **10.0000 - 30.0000** 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 this filler based on the suppliers SDS information.

POLYVINYL ACETATE (PVA)

ID: 9003-20-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-10-30**%: **2.0000 - 8.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

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

SUBSTANCE NOTES: This HPD covers the following products VinylShield A and VinylShield C, variations within the formulation are a result of the represented product groups. Information on this material has been supplied by the vendor.

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: 2022-

CERTIFIER OR LAB: Berkeley

APPLICABLE FACILITIES: All manufacturing facilities

05

06-03

Analytical

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: The results of this testing can be found in Berkeley Analytical laboratory report 281-027-02A-May1019

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 two recommended suspension systems for this product line.

CERTAINTEED CEILINGS STEEL SUSPENSION SYSTEM WITH PAINTED ALUMINUM CAPPING PVC CLOSED CELL GASKETING

HPD URL: <https://hpdrepository.hpd-collaborative.org/Pages/Results.aspx#k=22747>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

This is one of two 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 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 the disclosure level limitations. 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/commercialceilings/>. 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 19335, United States
WEBSITE: www.certainteed.com/commercial-ceilings/

CONTACT NAME: Robert Marshall
TITLE: Senior Technical Service 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	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)	NoGS No GreenScreen.
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)	

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.