

HPD UNIQUE IDENTIFIER: 364765916160

CLASSIFICATION: 09 83 00 Acoustic Finishes

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 <input type="radio"/> Basic Method</p> <p>Threshold Disclosed Per</p> <p><input type="radio"/> Material <input checked="" type="radio"/> Product</p>	<p>Threshold Level</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>Residuals/Impurities Evaluation</p> <p>Completed 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>For all contents above the threshold, the manufacturer has:</i></p> <p>Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No <i>Provided weight and role.</i></p> <p>Screened <input checked="" type="radio"/> Yes <input type="radio"/> No <i>Provided screening results using HPDC-approved methods.</i></p> <p>Identified <input checked="" type="radio"/> Yes <input type="radio"/> No <i>Provided name and CAS RN or other 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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

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

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... 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 Option 1.
Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2023-10-25

PUBLISHED DATE: 2023-10-25

EXPIRY DATE: 2026-10-25

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

VINYLSHIELD BOARD

#: 94.0000 - 99.0000

PRODUCT THRESHOLD: 100 ppm
RESIDUALS AND IMPURITIES EVALUATION COMPLETED: 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 DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-10-25 11:22:46

#: 37.0000 - 48.0000
GreenScreen: LT-UNK
RC: None
NANO: No
SUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions Exempted from REACH Annex V listing due to intrinsic safety

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 DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-10-25 11:22:47

#: 20.0000 - 28.0000
GreenScreen: LT-UNK
RC: None
NANO: No
SUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional 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 DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-10-25 11:22:47**

%: **16.0000 - 24.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional 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.

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-10-25 11:22:47**

%: **8.0000 - 16.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional 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.

SOLUBLE STARCH

ID: 9005-84-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-10-25 11:22:47**

%: **5.0000 - 12.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
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None found No listings found on Additional 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 EVALUATION COMPLETED: 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 DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2023-10-25 11:22:48
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%: 75.0000 - 90.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Insulator
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HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Core Restrictions
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective April 1, 2023 Red List substances to avoid in Living Building Challenge V4.0 projects

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 DATA SOURCE: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2023-10-25 11:22:48
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%: 10.0000 - 30.0000

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Filler**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The range of this filler based on the suppliers SDS information.

POLYVINYL ACETATE (PVA)

ID: 9003-20-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2023-10-25 11:22:48**

%: 2.0000 - 8.0000

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Adhesive**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional 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: 2022-05-13

CERTIFIER OR LAB: Berkeley

APPLICABLE FACILITIES: All

EXPIRY DATE:

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: Certificate # 220513-01

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

MANUFACTURER (OR GENERIC): **CertainTeed**

HPD URL: [https://hpdrepository.hpd-](https://hpdrepository.hpd-collaborative.org/repository/HPDs/41_CertainTeed_Ceilings_Steel_Suspension_System_with_Painted_Aluminum_Capping.pdf)

[collaborative.org/repository/HPDs/41_CertainTeed_Ceilings_Steel_Suspension_System_with_Painted_Aluminum_Capping.pdf](https://hpdrepository.hpd-collaborative.org/repository/HPDs/41_CertainTeed_Ceilings_Steel_Suspension_System_with_Painted_Aluminum_Capping.pdf)

ACCESSORY TYPE: Other

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

MANUFACTURER (OR GENERIC): **CertainTeed**

HPD URL: [https://hpdrepository.hpd-](https://hpdrepository.hpd-collaborative.org/repository/HPDs/41_CertainTeed_Ceilings_Steel_Suspension_System_with_Painted_Aluminum_Capping_PVC_Closed_Cell_Gasketing.pdf)

[collaborative.org/repository/HPDs/41_CertainTeed_Ceilings_Steel_Suspension_System_with_Painted_Aluminum_Capping_PVC_Closed_Cell_Gasketing.pdf](https://hpdrepository.hpd-collaborative.org/repository/HPDs/41_CertainTeed_Ceilings_Steel_Suspension_System_with_Painted_Aluminum_Capping_PVC_Closed_Cell_Gasketing.pdf)

ACCESSORY TYPE: Other

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
 COUNTRY: 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-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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.