CertainTeed Ceilings VinylShield
by Saint Gobain

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

CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>100 ppm</td>
<td>Residuals/Impurities</td>
</tr>
<tr>
<td>Basic Method</td>
<td>1,000 ppm</td>
<td>Considered in 2 of 2 Materials</td>
</tr>
<tr>
<td></td>
<td>Per GHS SDS</td>
<td>Explanation(s) provided for Residuals/Impurities?</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>Yes ○ No</td>
</tr>
</tbody>
</table>

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
--- | --- | --- | --- | ---
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 |

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

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.

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
## 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**
  - None found
- **AGENCY AND LIST TITLES**
  - WARNINGS
    - 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**
  - None found
- **AGENCY AND LIST TITLES**
  - WARNINGS
    - 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**
  - CANCER
  - CARCINOGEN GROUP 3B - Evidence of carcinogenic effects but not sufficient for classification
- **AGENCY AND LIST TITLES**
  - WARNINGS
- **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  

**HAZARD TYPE**

<table>
<thead>
<tr>
<th>Agency and List Titles</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (Rs) - sensitizer-induced</td>
</tr>
</tbody>
</table>

**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  

**HAZARD TYPE**

<table>
<thead>
<tr>
<th>Agency and List Titles</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

**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  

**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)**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD:</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE:</th>
<th>2020-10-30</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 75.0000 - 90.0000</td>
<td></td>
<td>GS: LT-P1</td>
<td>RC: None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NANO: No</td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td></td>
<td>Insulator</td>
<td></td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

**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.

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**CELLULOSE, MICROCRYSTALLINE**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD:</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE:</th>
<th>2020-10-30</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 10.0000 - 30.0000</td>
<td></td>
<td>GS: LT-UNK</td>
<td>RC: None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NANO: No</td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td></td>
<td>Filler</td>
<td></td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

**RESPIRATORY**

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

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

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**POLYVINYL ACETATE (PVA)**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD:</th>
<th>Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE:</th>
<th>2020-10-30</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 2.0000 - 8.0000</td>
<td></td>
<td>GS: LT-UNK</td>
<td>RC: None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NANO: No</td>
<td></td>
</tr>
<tr>
<td>SUBSTANCE ROLE:</td>
<td></td>
<td>Adhesive</td>
<td></td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

None found

**WARNINGS**

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

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Third Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All manufacturing facilities</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>The results of this testing can be found in Berkeley Analytical laboratory report 281-027-02A-May1019</td>
</tr>
</tbody>
</table>

CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

| ISSUE DATE: | 2019-06-05 |
| EXPIRY DATE: | 2022-06-03 |
| CERTIFIER OR LAB: | Berkeley Analytical |

| CERTIFICATE URL: |
| HPD v2.2 created via HPDC Builder Page 5 of 6 |

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 to 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
- 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
- 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)
- 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.