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
- Considered in 2 of 2 Materials

All Substances Above the Threshold Indicated Are:

Characterized
- Yes Ex/SC
- Yes
- No

Explanation(s) provided for Residuals/Impurities?
- Yes
- No

Screened
- Yes Ex/SC
- Yes
- No

Identified
- Yes Ex/SC
- Yes
- No

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
--- | --- | --- | --- | ---
6S CORE BOARD | SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) | LT-UNK | SOLUBLE STARCH | NOGS CELLULOSE,
MICROCRYSTALLINE LT-UNK | RES PERLITE LT-UNK | 6S PAINT FORMULATION | KAOLIN CLAY LT-UNK | CAN CALCIUM CARBONATE BM-3 VINYL CHLORIDE-ETHYLENE POLYMER LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END TALC BM-1 | CAN |

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: 2020-08-10

PUBLISHED DATE: 2020-08-10

EXPIRY DATE: 2023-08-10
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

6S CORE BOARD

| Product Threshold: 100 ppm | Residuals and Impurities Considered: Yes | Material Type: Other: Acoustical Ceiling Panel Core Board |

Residuals and Impurities Notes: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.

Other Material Notes: This core board formulation is incorporated in the following products; Cashmere, Cashmere Customline, Cashmere High NRC, Cashmere Style Edge, Fine Fissured High NRC, Sereno Fine Fissure and Sky.

SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)

<table>
<thead>
<tr>
<th>Hazard Screening Method: Pharos Chemical and Materials Library</th>
<th>Hazard Screening Date: 2020-08-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 64.0000 - 74.0000</td>
<td>GS: LT-UNK</td>
</tr>
</tbody>
</table>

Hazards Type

Agency and List Titles

Warnings

None found

No warnings found on HPD Priority Hazard Lists

Substance Notes: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.

SOLUBLE STARCH

<table>
<thead>
<tr>
<th>Hazard Screening Method: Pharos Chemical and Materials Library</th>
<th>Hazard Screening Date: 2020-08-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 8.0000 - 11.0000</td>
<td>GS: NoGS</td>
</tr>
</tbody>
</table>

Hazards Type

Agency and List Titles

Warnings

None found

No warnings found on HPD Priority Hazard Lists

Substance Notes: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.

CELLULOSE, MICROCRYSTALLINE

<table>
<thead>
<tr>
<th>Hazard Screening Method: Pharos Chemical and Materials Library</th>
<th>Hazard Screening Date: 2020-08-10</th>
</tr>
</thead>
</table>

Hazards Type

Agency and List Titles

Warnings

None found

No warnings found on HPD Priority Hazard Lists

Substance Notes: The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.
### Perlite

**ID:** 93763-70-3

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

**HAZARD SCREENING DATE:** 2020-08-10

<table>
<thead>
<tr>
<th>%: 5.0000 - 10.0000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>SUBSTANCE ROLE: Filler</th>
</tr>
</thead>
</table>

**HAZARD TYPE**

**AGENCY AND LIST TITLES**

**WARNINGS**

None found

No warnings found on HPD Priority Hazard Lists

**SUBSTANCE NOTES:** The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.

### 6S Paint Formulation

<table>
<thead>
<tr>
<th>%: 2.0000 - 5.0000</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>PRODUCT THRESHOLD:</th>
<th>100 ppm</th>
</tr>
</thead>
</table>

| RESIDUALS AND IMPURITIES CONSIDERED: | Yes |

**MATERIAL TYPE:** Other: Coating/Paint Formulation

**RESIDUALS AND IMPURITIES NOTES:** The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.

**OTHER MATERIAL NOTES:** This paint formulation is incorporated in the following products; Cashmere, Cashmere Customline, Cashmere High NRC, Cashmere Style Edge, Fine Fissured High NRC, Sereno Fine Fissure and Sky. 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:** 2020-08-10

<table>
<thead>
<tr>
<th>%: 15.0000 - 40.0000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>SUBSTANCE ROLE: Filler</th>
</tr>
</thead>
</table>

**HAZARD TYPE**

**AGENCY AND LIST TITLES**

**WARNINGS**

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

**SUBSTANCE NOTES:** This paint formulation is incorporated in the following products; Cashmere, Cashmere Customline, Cashmere High NRC, Cashmere Style Edge, Fine Fissured High NRC, Sereno Fine Fissure and Sky. The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and the applicable paint formulation. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.
### Calcium Carbonate

**ID:** 471-34-1  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-08-10  
**%:** 7.0000 - 25.0000  
**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; Cashmere, Cashmere Customline, Cashmere High NRC, Cashmere Style Edge, Fine Fissured High NRC, Sereno Fine Fissure and Sky. The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and the applicable paint formulation. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.

### Vinyl Chloride-Ethylene Polymer

**ID:** 25037-78-9  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-08-10  
**%:** 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; Cashmere, Cashmere Customline, Cashmere High NRC, Cashmere Style Edge, Fine Fissured High NRC, Sereno Fine Fissure and Sky. The range of the raw material is directly dependent on the thickest and dimensions of the ceiling tile and applicable paint formulation. All residuals and impurities are considered and noted when applicable to the guidelines in the HPD Builder Standard.

### Titanium Dioxide

**ID:** 13463-67-7  
**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2020-08-10  
**%:** 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; Cashmere, Cashmere Customline, Cashmere High NRC, Cashmere 
Style Edge, Fine Fissured High NRC, Sereno Fine Fissure and Sky. The range of the raw material is directly dependent on the thickest 
and dimensions of the ceiling tile and the applicable paint formulation. All residuals and impurities are considered and noted when 
applicable to the guidelines in the HPD Builder Standard.

TALC

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-08-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 2.0000 - 8.0000</td>
<td>GS: BM-1</td>
</tr>
<tr>
<td></td>
<td>RC: None</td>
</tr>
<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td></td>
<td>SUBSTANCE ROLE: Filler</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2b - Possibly carcinogenic to humans</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: This paint formulation is incorporated in the following products; Cashmere, Cashmere Customline, Cashmere High 
NRC, Cashmere Style Edge, Fine Fissured High NRC, Sereno Fine Fissure and Sky. The range of the raw material is directly dependent 
on the thickest and dimensions of the ceiling tile and the applicable paint formulation. All residuals and impurities are considered and 
noted when applicable to the guidelines in the HPD Builder Standard.
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>L'Anse Michigan</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2019-06-03</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>Berkeley Analytical</td>
</tr>
</tbody>
</table>

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.

#### ACOUSTIC CEILING SUSPENSION SYSTEMS

<table>
<thead>
<tr>
<th>HPD URL:</th>
<th>No HPD Available</th>
</tr>
</thead>
</table>

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/](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/](https://www.certainteed.com/commercial-ceilings/)
## MANUFACTURER INFORMATION

<table>
<thead>
<tr>
<th>MANUFACTURER:</th>
<th>Saint Gobain</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDRESS:</td>
<td>20 Moores Road</td>
</tr>
<tr>
<td></td>
<td>Malvern PA 19355, United States</td>
</tr>
<tr>
<td>CONTACT NAME:</td>
<td>Robert Marshall</td>
</tr>
<tr>
<td>TITLE:</td>
<td>Senior Technical Services Manager</td>
</tr>
<tr>
<td>PHONE:</td>
<td>800-233-8990</td>
</tr>
<tr>
<td>EMAIL:</td>
<td><a href="mailto:Robert.L.Marshall@saint-gobain.com">Robert.L.Marshall@saint-gobain.com</a></td>
</tr>
</tbody>
</table>

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

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

### 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)

### 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