Section 1: Summary

Based on the selected Content Inventory Threshold:

Characterized: ....................................................
Are the Percent Weight and Role provided for all substances?  
Yes  No

Screened: ........................................................
Are all substances screened using Priority Hazard Lists with results disclosed?  
Yes  No

Identified: ......................................................
Are all substances disclosed by Name (Specific or Generic) and Identifier?  
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.

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>SUBSTANCE</th>
<th>RESIDUAL OR IMPURITY</th>
<th>GREENSCREEN SCORE</th>
<th>HAZARD TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MINERAL WOOL CEILING TILE</td>
<td>PERLITE</td>
<td>LT-UNK</td>
<td>SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)</td>
<td>LT-UNK</td>
</tr>
<tr>
<td>CELLULOSE, MICROCRYSTALLINE</td>
<td>UNK</td>
<td>SOLUBLE STARCH</td>
<td>UNK</td>
<td></td>
</tr>
<tr>
<td>CALCIUM CARBONATE</td>
<td>BM-3</td>
<td>TALC</td>
<td>BM-3</td>
<td>CAN</td>
</tr>
<tr>
<td>LT-1</td>
<td>CAN</td>
<td>POLY(VINYL ALCOHOL)</td>
<td>LT-UNK</td>
<td>KAOLIN CLAY</td>
</tr>
<tr>
<td>CAN</td>
<td>QUARTZ</td>
<td>LT-1</td>
<td>CAN</td>
<td></td>
</tr>
</tbody>
</table>

Number of Greenscreen BM-4/BM3 contents........ 2
Contents highest concern GreenScreen Benchmark or List translator Score............ LT-1
Nanomaterial.............. No

INVENTORY AND SCREENING NOTES:

This HPD covers the following CertainTeed Ceilings Products: Alaska, Avalon, Avalon Dimensions, Baroque, Baroque Customline, Directional Fissured, Fine Fissured, Fine Fissured Customline, Grenada, Rio, Sand Micro, Sand Micro Customline, School Board, Serene, Vantage 10
This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

### MINERAL WOOL CEILING TILE

- **%:** 99.0000 - 100.0000
- **HPD URL:** http://www.certainteed.com/commercial-ceilings/
- **Inventory Threshold:** 100 ppm
- **Residuals Considered:** Yes
- **Material Notes:** This HPD covers the following CertainTeed Ceilings Products: Alaska, Avalon, Avalon Dimensions, Baroque, Baroque Customline, Directional Fissured, Fine Fissured, Fine Fissured Customline, Grenada, Rio, Sand Micro, Sand Micro Customline, School Board, Serene, Vantage 10

<table>
<thead>
<tr>
<th>Material</th>
<th>ID</th>
<th>% Range:</th>
<th>GS</th>
<th>RC:</th>
<th>NANO:</th>
<th>ROLE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PERLITE</td>
<td>93763-70-3</td>
<td>38.0000 - 54.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Filler</td>
</tr>
<tr>
<td>SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)</td>
<td>65997-17-3</td>
<td>18.0000 - 22.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Core of the Panel</td>
</tr>
<tr>
<td>CELLULOSE, MICROCRYSTALLINE</td>
<td>9004-34-6</td>
<td>14.0000 - 19.0000</td>
<td>UNK</td>
<td>None</td>
<td>NO</td>
<td>Core of the Panel</td>
</tr>
</tbody>
</table>

### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

- **CANCER**
  - **EU - R-phrases:** R40 - Limited Evidence of Carcinogenic Effects
  - **EU - GHS (H-Statements):** H351 - Suspected of causing cancer

### SUBSTANCE NOTES:

**SOLUBLE STARCH**

- **ID:** 9005-84-9
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>%:</th>
<th>GS:</th>
<th>RC:</th>
<th>NANO:</th>
<th>ROLE:</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td></td>
<td>4.0000 - 8.0000</td>
<td>BM-3</td>
<td>None</td>
<td></td>
<td>Paint Additive</td>
<td>None Found No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td>Talc</td>
<td></td>
<td>0.2000 - 0.6000</td>
<td>BM-3</td>
<td>None</td>
<td></td>
<td>Paint Additive</td>
<td>None Found No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td>Titanium Dioxide</td>
<td></td>
<td>0.1000 - 1.0000</td>
<td>LT-1</td>
<td>None</td>
<td></td>
<td>Paint Additive</td>
<td>CANCER MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
</tbody>
</table>

**HAZARDS:**

- CANCER
- MAK

**SUBSTANCE NOTES:**

- CertainTeed Ceilings Formula 7C Health Product Declaration Page 3 of 6 created via: HPDC Online Builder www.hpd-collaborative.org
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>AGENCY(IES) WITH WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLY(VINYL ALCOHOL)</td>
<td>9002-89-5</td>
<td>0.1000 - 1.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Binder</td>
<td>None Found</td>
</tr>
<tr>
<td>kaolin clay</td>
<td>1332-58-7</td>
<td>0.0500 - 0.2000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Paint Additive</td>
<td>No warnings found on HPD Priority lists</td>
</tr>
<tr>
<td>quartz</td>
<td>14808-60-7</td>
<td>impurity/residual</td>
<td>LT-1</td>
<td>None</td>
<td>NO</td>
<td>Impurity/Residual</td>
<td>CANCER MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
</tbody>
</table>

**HAZARDS:**

**KAOLIN CLAY**

**Hazard:** CANCER

**Agency:** MAK

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

**HAZARDS:**

**QUARTZ**

**Hazard:** CANCER

**Agency:** IARC

Group 1 - Agent is Carcinogenic to humans

Agency: US CDC - Occupational Carcinogens

Occupational Carcinogen

Agency: CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

Agency: IARC

Group 1: Agent is carcinogenic to humans - inhaled from occupational sources

Agency: US NIH - Report on Carcinogens

Known to be Human Carcinogen (respirable size - occupational setting)

Agency: MAK

Carcinogen Group 1 - Substances that cause cancer in man

**HAZARDS:**

**SUBSTANCE NOTES:**

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.
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

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Ceiling tiles are seated inside of ceiling grid that is hung from an overhead structure.

Section 5: General Notes
MANUFACTURER INFORMATION

MANUFACTURER: Saint Gobain
ADDRESS: 20 Moores Road
Malvern, PA 19355
USA
WEBSITE: http://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

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types
AQU Aquatic toxicity
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation

GLO Global warming
MAM Mammalian/systemic/organ toxicity
NEU Neurotoxicity
MUL Multiple hazards
OZO Ozone depletion
PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
LAN Land Toxicity
NF Not found on Priority Hazard Lists

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

LT-P1 List Translator Possible Benchmark 1
LT-1 List Translator Likely Benchmark 1
LT-UNK List Translator Benchmark Unknown
UNK Unknown

Recycled Types
PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other
Nano Composed of nanoscale particles or nanotechnology

Declaration Level
Self-declared Manufacturer’s self-declaration (First Party)
Independent Lab Manufacturer’s self-declaration using results from an independent lab
Second Party Verification by trade association or other interested party
Third Party Verification by independent certifier
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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a “Health Product Declaration,” or “HPD.” 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 Open Standard noted.