Section 1: Summary

CONTENT INVENTORY Threshold per material
100 ppm
1,000 ppm
Per GHS SDS
Per OSHA MSDS
Other

Residuals and impurities considered in 1 of 1 materials see Section 2:
Material Notes see Section 5: General Notes

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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY | GREENSCREEN SCORE | HAZARD TYPE

CERTAINTEED CEILINGS VINYLSHIELD

SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) LT-UNK CAN PERLITE LT-UNK KAOLIN CLAY LT-UNK CAN CELLULOSE, MICROCRYSTALLINE UNK SOLUBLE STARCH UNK POLYVINYL CHLORIDE (PVC) 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-UNK Nanomaterial............. No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: CDPH/EHLB/Standard Method V1.1 Standard

See Section 3 for additional listings.

VERIFIER: SCREENING DATE: December 1, 2016 EXPIRY DATE*: December 1, 2019

VERIFICATION #: RELEASE DATE: February 9, 2017 * or within 3 months of significant change in product contents

*See HPDC website for details
Section 2: Content in Descending Order of Quantity

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.

### CERTAINTEED CEILINGS VINYLSHIELD

<table>
<thead>
<tr>
<th>Material Notes:</th>
<th>%: 99.0000 - 100.0000</th>
<th>HPD URL: <a href="http://www.certainteed.com/commercial-ceilings/">http://www.certainteed.com/commercial-ceilings/</a></th>
<th>Inventory Threshold: 100 ppm</th>
<th>Residuals Considered: Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)</td>
<td>ID: 65997-17-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>%: 37.0000 - 40.0000</td>
<td>GS: LT-UNK</td>
<td>RC: None</td>
<td>NANO: NO</td>
<td>ROLE: Core of the Panel</td>
</tr>
</tbody>
</table>

#### HAZARDS:

<table>
<thead>
<tr>
<th>AGENCY(IES) WITH WARNINGS:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>EU - R-phrases</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
</tr>
</tbody>
</table>

#### SUBSTANCE NOTES:

<p>| | |</p>
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</tbody>
</table>

### PERLITE

| Material Notes: | %: 20.0000 - 23.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Core of the Panel |
|----------------|------------------------|-----------------------------|-----------------------------|---------------------------|

#### HAZARDS:

<table>
<thead>
<tr>
<th>AGENCY(IES) WITH WARNINGS:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
</tr>
</tbody>
</table>

#### SUBSTANCE NOTES:

<p>| | |</p>
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</table>

### KAOLIN CLAY

| Material Notes: | %: 16.0000 - 18.0000 | GS: LT-UNK | RC: None | NANO: NO | ROLE: Core of the Panel |
|----------------|------------------------|-----------------------------|-----------------------------|---------------------------|

#### HAZARDS:

<table>
<thead>
<tr>
<th>AGENCY(IES) WITH WARNINGS:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>MAK</td>
</tr>
</tbody>
</table>

#### SUBSTANCE NOTES:

<p>| | |</p>
<table>
<thead>
<tr>
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</table>

### CELLULOSE, MICROCRYSTALLINE

<table>
<thead>
<tr>
<th>Material Notes:</th>
<th>%:</th>
<th>GS:</th>
<th>RC:</th>
<th>NANO: NO</th>
<th>ROLE:</th>
</tr>
</thead>
</table>

| | | | | | |

CERTAINTEED Ceilings VinylShield Health Product Declaration Page 2 of 5 created via: HPDC Online Builder www.hpd-collaborative.org
### HAZARDS:
None Found

### AGENCY(IES) WITH WARNINGS:
No warnings found on HPD Priority lists

### SUBSTANCE NOTES:

#### SOLUBLE STARCH
**ID:** 9005-84-9

#### POLYVINYL CHLORIDE (PVC)
**ID:** 9002-86-2

#### POLYVINYL ACETATE (PVA)
**ID:** 9003-20-7

### 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/EHLB/Standard Method V1.1 Standard
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

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
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.