**Certifier**

- **Certificate #**
  - Yes
  - No

**X**

**Certification**

- **Certifier**
  - Yes
  - No

**Measured 100 ppm** (ideal)

- **Yes**
- **No**

**Measured 1000 ppm**

- **Yes**
- **No**

**Predicted by process chemistry**

- **Yes**
- **No**

**As per MSDS (1,000 & 10,000 ppm)**

- **Yes**
- **No**

**Not disclosed**

- **Yes**
- **No**

**Other**

**SUMMARY**

The content of this product was assessed for health hazard warnings as required using Pharos.

**Residuals Disclosure**

- Full Disclosure of Intentional Ingredients
  - Yes
  - No

- Full Disclosure of Known Hazards
  - Yes
  - No

- Disclosure Notes

**Contents in Descending Order of Quantity**

Glass/Mineral Fiber, Proprietary Binder, Proprietary Mineral Oil, (3-Aminopropyl)triethoxysilane, Asphalt, Kraft Paper, Dextrin, Polyvinyl Acetate (PVA), Ethylene Vinyl Acetate Polymer (EVA), Aluminum Foil.

**Hazards**

- **PBT (Persistent and Bioaccumulative)**
  - Development
  - Reproductive
  - Endocrine
  - Respiratory

- **Cancer**

- **Gene mutation**

**Highest concern GreenScreen score - Benchmark 1**

- **Neurotoxicity**
- **Land toxicity**
- **Multiple**

- **Physical hazard**
- **Unknown**

- **Skin or Eye**

- **Aquatic toxicity**

- **Ozone depletion**

**Total VOC Content**

- Material (g/l)
  - Does the product contain exempt VOCs?
    - Yes
    - No

- Regulatory (g/l)
  - Are VOC-free tints available?
    - Yes
    - No
The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit.

### CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level. Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at GS: GreenScreen Benchmark; RC: Recycled Content, PC: Post Consumer, PI: Post Industrial (Pre-consumer), BO: Both post industrial and post consumer; Nano: comprised of nanoscale particles or nanotechnology.

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Hazard A</th>
<th>Hazard B</th>
<th>Hazard C</th>
<th>Hazard D</th>
<th>Hazard E</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Warning A</td>
<td>Warning B</td>
<td>Warning C</td>
<td>Warning D</td>
<td>Warning E</td>
<td></td>
</tr>
<tr>
<td>Glass/Mineral Fiber</td>
<td>N/A</td>
<td>65-96%</td>
<td>U</td>
<td>BO</td>
<td>No Core</td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proprietary Binder</td>
<td>NA</td>
<td>4-10%</td>
<td>U</td>
<td>No</td>
<td>No Binder</td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proprietary Mineral Oil</td>
<td>N/A</td>
<td>0.3-0.9%</td>
<td>U</td>
<td>No</td>
<td>No Dedusting Agent</td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3-Aminopropyl)triethoxysilane</td>
<td>919-30-2</td>
<td>0.01-0.04%</td>
<td>U</td>
<td>No</td>
<td>No</td>
<td>Binder-glass adhesion</td>
</tr>
<tr>
<td>Mammal</td>
<td>EU R-Phrases: R22: Harmful if swallowed.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin or Eye</td>
<td>EU H-Statements: H314 Causes severe skin burns and eye damage (also in EU R-Phrases)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asphalt</td>
<td>8052-42-4</td>
<td>0-13%</td>
<td>BM1</td>
<td>No</td>
<td>No Vapor retardar and adhesive</td>
<td></td>
</tr>
<tr>
<td>Cancer</td>
<td>MAK: Carcinogen Group 2 - Considered to be carcinogenic for man (also in IARC, NTP-RoC)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PBT</td>
<td>WA PBT: PBT</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Only present in kraft and foil faced products.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kraft Paper</td>
<td>N/A</td>
<td>0-11%</td>
<td>U</td>
<td>PC</td>
<td>No Facing</td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dextrin</td>
<td>9004-53-9</td>
<td>0-3%</td>
<td>U</td>
<td>No</td>
<td>No Adhesive in faced products</td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Only present in FSK &amp; PSK faced products.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyvinyl Acetate (PVA)</td>
<td>9003-20-7</td>
<td>0-3%</td>
<td>U</td>
<td>No</td>
<td>No Adhesive in faced products</td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Only present in FSK &amp; PSK faced products.</td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Ethylene Vinyl Acetate Polymer (EVA)</td>
<td>24937-78-8</td>
<td>0-3%</td>
<td>U</td>
<td>No</td>
<td>No</td>
<td>Adhesive in faced products</td>
</tr>
<tr>
<td>None Found</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Only present in FSK &amp; PSK faced products.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminum Foil</td>
<td>N/A</td>
<td>0-2%</td>
<td>U</td>
<td>No</td>
<td>No Facing Component</td>
<td></td>
</tr>
<tr>
<td>None Found</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Only present foil faced and FSK products.</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

No warnings found on the HPD Priority List. All items in binder checked against HPD Priority List. The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes. This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit.

### European Union (EU) R-Phrases and H-Statements

- **R22**: Harmful if swallowed.
- **H314**: Causes severe skin burns and eye damage (also in EU R-Phrases)

**MAK**: Carcinogen Group 2 - Considered to be carcinogenic for man (also in IARC, NTP-RoC)

Only present in kraft and foil faced products.

Only present in faced products.

Only present in FSK & PSK faced products.

Only present foil faced and FSK products.
## CERTIFICATIONS AND COMPLIANCE

**Certifying Party** = *Self declaration*: Manufacturer's self-declaration; **Independent lab**: Manufacturer's self-declaration using results from an independent lab and declaration of conformance. **Second Party**: Verification by trade association or other interested party; **Third Party**: Verification by independent certifier (ideal).

**Applicable facilities** = Manufacturing sites to which testing applies.

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard or Certification</th>
<th>Certifier or Laboratory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certifying Party</td>
<td>Issue Date</td>
<td>Expiry Date</td>
</tr>
<tr>
<td>Applicable Facilities</td>
<td>Certification &amp; Compliance Notes</td>
<td></td>
</tr>
</tbody>
</table>

### VOC Emissions (interior products only)

<table>
<thead>
<tr>
<th>Certifying Party</th>
<th>Issue Date</th>
<th>Expiry Date</th>
<th>Certificate URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Third Party</td>
<td>27-Jan-2015</td>
<td><a href="http://www.certainteed.com">www.certainteed.com</a></td>
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Chowchilla, CA, Athens, GA, Kansas City, MO

### VOC Content (wet applied only)

<table>
<thead>
<tr>
<th>Certifying Party</th>
<th>Issue Date</th>
<th>Expiry Date</th>
<th>Certificate URL</th>
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</thead>
</table>

### Recycled Content

<table>
<thead>
<tr>
<th>Certifying Party</th>
<th>Issue Date</th>
<th>Expiry Date</th>
<th>Certificate URL</th>
</tr>
</thead>
</table>

Chowchilla, CA, Athens, GA, Kansas City, MO

Certifications specific to each product can be obtained from CertainTeed

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**GreenGuard - Gold (previously Children & Schools)**

Chowchilla, CA, Athens, GA, Kansas City, MO
**ACCESSORY MATERIALS**

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products. Note: This declaration is not intended to address hazards of the installation process.

<table>
<thead>
<tr>
<th>Required or recommended product</th>
<th>URL for companion Health Product Declaration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condition when required or recommended and/or other notes</td>
<td></td>
</tr>
</tbody>
</table>

01

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NOTES

All products are produced in facilities with ISO14001 Environmental Management System Certifications and ISO9001 Quality Management System Certifications. For the most current specific product certifications, please contact CertainTeed.