**Name**
Vanceva Color

**Product ID**
Vanceva Color

**Classification**
08 81 13.00 Openings (door ways):
Decorative Glass Glazing

**Website**
www.trudeco.com

**Manufacturer**
Trulite

**Address**
2395 Setterlin Drive
Columbus, OH 43226

**Name**
James Thornburg

**Title**
Product Manager

**Phone**
800-870-2519

**Email**
jthornburg@trulite.com

**Description**
With Vanceva you can choose from an extensive palette of over 30,000 colors to fulfill your design vision. Vanceva is a laminated glass product that can be used in both exterior and interior applications. This allows you to offer the design options that you want with the superior performance attributes your project demands.

Building on the base benefits of standard laminated glass – solar protection, sound reduction, and enhanced safety and security – Vanceva inter layers provide advanced solutions for multiple architectural challenges.

Available for both interior or exterior applications

- Walls
- Balustrades
- Display Cases
- Overhead Glazing
- Doors
- Insulating Glass Units
- Entrance Ways
- Tables
- Hand Rails
- Entire Building Envelopes

**Release Date**
2014-03-10

**Expiry Date**
2017-03-10

**HPD URL**

**Self-declared**

**Second Party**

**Third Party**

**Certifier**

**Certificate #**

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**SUMMARY DISCLOSURE**

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

- **Residuals Disclosure**
  - measured 100 ppm (ideal)
  - measured 1000 ppm
  - predicted by process chemistry
  - as per MSDS (10,000 ppm)
  - not disclosed
  - other

- **Full Disclosure of Intentional Ingredients**
  - Yes
  - No

- **Full Disclosure of Known Hazards**
  - Yes
  - No

**Notes**
polyvinyl butyral: Practically nontoxic following oral administration; Practically nontoxic after skin application in animal studies; Slightly irritating to eyes (rabbit); Practically non irritating to skin (rabbit); The weight of the evidence indicates that this material is not mutagenic in in-vitro assays. triethyleneglycol bis(2-ethyl hexanoate): Slightly toxic following oral administration; Practically nontoxic after skin application in animal studies; Slightly irritating to skin. Practically non irritating to eyes (rabbit); Produced slight dermal sensitization (guinea pigs); No adverse effects noted following repeated oral administration.

**Contents in Descending Order of Quantity**

POLYVINYL BUTYRAL (PVB), 2,2'-ETHYLENEDIOXYDIETHYL BIS(2-ETHYLHEXANOATE) , POLYETHYLENE TEREPTHALATE (PET)

- **Hazards**
  - PBT (Persistent Bioaccumulative Toxic)
  - Development
  - Reproductive
  - Endocrine
  - Respiratory

- **Highest concern GreenScreen score - Unspecified**
  - Neurotoxicity
  - Mammal
  - Skin or Eye
  - Aquatic toxicity

- **Total VOC Content Material (g/L)**
  - N/A

- **Does the product contain exempt VOCs?**
  - Yes
  - No

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<table>
<thead>
<tr>
<th>Certifications + Compliance</th>
<th>VOC Emissions</th>
<th>VOC Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regulatory (g/L)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Notes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Are there VOC-free tints available?</td>
<td>N/A</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Not tested</td>
<td>N/A</td>
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</table>
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. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

**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 www.hpdcollaborative.org/hazardlists.

**GS:** GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS RN</th>
<th>% weight</th>
<th>GS</th>
<th>RC</th>
<th>Nano</th>
<th>Role</th>
<th>Notes</th>
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<tbody>
<tr>
<td>POLYVINYL BUTYRAL (PVB)</td>
<td>63148-65-2</td>
<td>57 - 70 %</td>
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<td>N</td>
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<td>polyvinyl butyral 27360-07-2</td>
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<tr>
<td>2,2'-ETHYLENEDIOXYDIETHYL BIS(2-ETHYLHEXANOATE)</td>
<td>94-28-0</td>
<td>15 - 30 %</td>
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<td>N</td>
<td>N</td>
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<td>None found</td>
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<td></td>
<td></td>
<td></td>
<td>binder</td>
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<tr>
<td>POLYETHYLENE TEREPHTHALATE (PET)</td>
<td>25038-59-9</td>
<td>5 - 35 %</td>
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<td>BO</td>
<td>N</td>
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<td></td>
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<td></td>
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<td></td>
<td>binder</td>
</tr>
</tbody>
</table>

**CERTIFICATIONS AND COMPLIANCE**

Certifying Party = First: Manufacturer’s self-declaration; Second: Verification by trade association or other interested party; Third: 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>Certifying Party</th>
<th>Issue Date</th>
<th>Expiry Date</th>
<th>Certificate URL</th>
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<tr>
<td>VOC Emissions</td>
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<td>VOC Content</td>
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<tr>
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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>Window Cleaner</td>
<td></td>
</tr>
</tbody>
</table>

General window cleaner may be used on a routine basis as needed.

NOTES