**Tectum panels**

**Product ID**
TIWP

**Website**
www.tectum.com

**Manufacturer**
Tectum Inc.
105 S. 6th St.
Newark, OH 43055

**Name**
Steve Udolph

**Title**
Marketing Manager

**Phone**
740-345-9691

**Email**
sudolph@tectum.com

**Description**
Cementitious Wood Fiber panels

**Release Date**
2013-12-06

**Expiry Date**
2016-12-06

**HPD URL**

**Certifier**
Self-declared

**Certification**
Not disclosed

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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**
There are no residuals other than the products intentional contents.

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**Contents in Descending Order of Quantity**
Undisclosed (Aspen Wood Excelsior), Undisclosed (Magnesium Oxide), Undisclosed (Sodium Silicate Glass), Undisclosed (Magnesium Sulfate), Undisclosed (Calcium Carbonate)

**Hazards**
- PBT (Persistent Bioaccumulative Toxic) - Development
- Cancer - Reproductive
- Gene Mutation - Endocrine
- Neurotoxicity - Respiratory
- Mammal - Aquatic toxicity
- Skin or Eye - Land toxicity
- Aquatic Toxicity - Physical hazard
- Physical Toxicity - Global warming
- Physical Toxicity - Ozone depletion

**Highest concern GreenScreen score** - unknown
- Multiple
- Unknown

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

**Does the product contain exempt VOCs?**
- N/A
- Yes
- No

**Are there VOC-free tints available?**
- N/A
- Yes
- No

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**Certifications + Compliance**

**VOC Emissions**
CA Section 01350 (CHPS) Emission Test - CDPH/EHLB Standard Method V1.1 - Classroom & Office scenario

**VOC Content**
N/A
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>
</tr>
</thead>
<tbody>
<tr>
<td>Undisclosed (Aspen Wood Excelsior)</td>
<td>Unknown</td>
<td>44 %</td>
<td>N</td>
<td>N</td>
<td></td>
<td>Substrate</td>
<td></td>
</tr>
<tr>
<td>Unknown</td>
<td>Not disclosed</td>
<td>Aspen Wood Excelsior (Trembling Aspen - Populous Tremuloides) is the main ingredient in Tectum panels.</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Undisclosed (Magnesium Oxide)</td>
<td>Unknown</td>
<td>25 %</td>
<td>N</td>
<td>N</td>
<td>Binder Ingredient</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unknown</td>
<td>Not disclosed</td>
<td>Magnesium Oxide is mixed with Sodium Silicate to form Tectum panel's binder.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undisclosed (Sodium Silicate Glass)</td>
<td>Unknown</td>
<td>16 %</td>
<td>N</td>
<td>N</td>
<td>Binder Ingredient</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unknown</td>
<td>Not disclosed</td>
<td>Sodium Silicate Glass is mixed with Magnesium Oxide to form Tectum panel's binder.</td>
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<td></td>
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<tr>
<td>Undisclosed (Magnesium Sulfate)</td>
<td>Unknown</td>
<td>9 %</td>
<td>N</td>
<td>N</td>
<td>Binder Ingredient</td>
<td></td>
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<tr>
<td>Unknown</td>
<td>Not disclosed</td>
<td>Magnesium Sulfate is mixed with other ingredients to form Tectum panel's binder.</td>
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<tr>
<td>Undisclosed (Calcium Carbonate)</td>
<td>Unknown</td>
<td>6 %</td>
<td>N</td>
<td>N</td>
<td>Binder ingredient</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unknown</td>
<td>Not disclosed</td>
<td>Calcium Carbonate is mixed with other ingredients to form Tectum panel's binder.</td>
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</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>Applicable Facilities</th>
<th>Notes</th>
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<tr>
<td><strong>VOC Emissions</strong></td>
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<tr>
<td>CA Section 01350 (CHPS) Emission Test - CDPH/EHLB Standard Method V1.1 - Classroom &amp; Office scenario</td>
<td>Air Quality Sciences</td>
</tr>
<tr>
<td>1st party manufacturer claim</td>
<td>2008-12-15</td>
</tr>
<tr>
<td><strong>VOC Content</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Recycled Content</strong></td>
<td>Not tested</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td></td>
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</tbody>
</table>

### 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><strong>Condition when required or recommended and/or other notes</strong></td>
<td></td>
</tr>
</tbody>
</table>

Tectum Panels

Tectum panels are an interior finish that absorbs sound and reduces echo.

### NOTES