USG Eclipse™ Acoustical Panels
Manufactured by USG Interiors, LLC

This product transparency report summarizes the environmental performance and chemical inventory of the ingredients in USG Eclipse™, Eclipse™ Tile, Eclipse™ HRC, Eclipse™ High NRC, and Eclipse™ Pedestals Acoustical Panels for building professionals and those seeking to understand the product’s life-cycle impacts. The data presented in this document may be helpful for obtaining LEED® v4 credits.

**SUSTAINABILITY DATA**

<table>
<thead>
<tr>
<th>Corporate Sustainability Report</th>
<th>Available at <a href="http://www.usg.com/sustainability">www.usg.com/sustainability</a></th>
</tr>
</thead>
<tbody>
<tr>
<td>Low VOC Emissions</td>
<td>CDPH 01350 v1.1-2010 compliant</td>
</tr>
<tr>
<td>Total VOCs After 14 days</td>
<td>0.5 mg/m³ or less</td>
</tr>
<tr>
<td>VOC Content</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Rapid Renewing Materials</td>
<td>1.8 – 2.7%</td>
</tr>
</tbody>
</table>

**REGIONAL MATERIALS & RECYCLED CONTENT**

<table>
<thead>
<tr>
<th>Manufacturing Plant</th>
<th>Product</th>
<th>Raw materials ≤500 miles</th>
<th>Raw materials ≤100 miles</th>
<th>Pre-Consumer recycled content</th>
<th>Post-Consumer recycled content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cloquet, MN</td>
<td>Eclipse™</td>
<td>91.0%</td>
<td>3.0%</td>
<td>79.0%</td>
<td>0.0%</td>
</tr>
<tr>
<td></td>
<td>Eclipse™ Tile</td>
<td>91.7%</td>
<td>2.8%</td>
<td>76.8%</td>
<td>0.0%</td>
</tr>
<tr>
<td></td>
<td>Eclipse™ HRC</td>
<td>91.0%</td>
<td>3.0%</td>
<td>62.4%</td>
<td>21.2%</td>
</tr>
<tr>
<td></td>
<td>Eclipse™ High NRC</td>
<td>91.9%</td>
<td>2.7%</td>
<td>81.0%</td>
<td>0.0%</td>
</tr>
<tr>
<td></td>
<td>Eclipse™ Pedestals</td>
<td>92.0%</td>
<td>2.7%</td>
<td>79.8%</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

Pre and Post-Consumer recycled content as defined by the Federal Trade Commission.

**ENVIRONMENTAL PRODUCT DECLARATION (EPD)**

Data shown below is based on the Eclipse™ product cradle-to-grave LCA results other Eclipse™ products are available on usg.com. Environmental impacts per one square foot (24” x 24”) ceiling panel.

<table>
<thead>
<tr>
<th>ATMOSPHERE</th>
<th>WATER</th>
<th>PRIMARY ENERGY/SERVICE LIFE/END OF LIFE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.500 kg CO₂ eq</td>
<td>2.73E-09 kg CFC-11 eq</td>
<td>3.01E-02 kg O₃ eq</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**HEALTH PRODUCT TRANSPARENCY - LEEDv4 Qualification MR Credit: Product Disclosure and Optimization**

Option 1 Material Ingredient Reporting Manufacturer Inventory (1 Point)

Ingredients are listed in order of content in the final product. Information provided for ingredients down to 1,000 ppm (0.1% of product composition). All ingredients were screened using GreenScreen™ List Translator. Ingredients on a hazard list are marked with a (X). Percent may change due to manufacturing variations.

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS RN</th>
<th>Percent</th>
<th>Role</th>
<th>Chemical Review</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basemat</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mineral wool</td>
<td>65997-17-3</td>
<td>77.0-88.0%</td>
<td>Core</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proprietary</td>
<td>Undisclosed</td>
<td>1.7 – 3.2%</td>
<td>Thermoplastic binder</td>
<td></td>
<td>Highest concern GreenScreen™ score-LT-U CAS RN not in List Translator system</td>
</tr>
<tr>
<td>Starch</td>
<td>9005-25-8</td>
<td>1.5 – 3.0%</td>
<td>Binder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stucco</td>
<td>26499-65-0</td>
<td>0.0 – 1.4%</td>
<td>Filler</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coating</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kaolin clay</td>
<td>1332-58-7</td>
<td>6.0 – 7.5%</td>
<td>Paint filler</td>
<td>X</td>
<td>German MAK - Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
<tr>
<td>Calcium carbonate</td>
<td>471-34-1</td>
<td>0.8 – 2.0%</td>
<td>Paint filler</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proprietary</td>
<td>Undisclosed</td>
<td>0.2 – 0.6%</td>
<td>Paint binder</td>
<td></td>
<td>Highest concern GreenScreen™ score-LT-U</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>0.1 – 0.3%</td>
<td>Coating pigment</td>
<td></td>
<td>Since titanium dioxide is bound with in the coating and not inhalable, it is excluded from several regulatory hazard lists</td>
</tr>
</tbody>
</table>

**REFERENCES**

1. Living Building Challenge™ (LBC) Red List - A list of chemicals and materials that are known to pose a risk to human health and the ecosystem. Source: http://living-future.org/lbc
2. GreenScreen™ List Translator: An assessment and hazard classification tool that identifies chemicals on GreenScreen Authoritative and Screening Lists. Source: http://www.pharosproject.net/
3. International Agency for Research on Cancer (IARC) – Specialized agency of the World Health Organization that identifies and categorizes chemicals, mixtures, occupational exposures, physical and biological agents, and lifestyle factors that can increase the risk of cancer. Source: http://monographs.iarc.fr/ENG/Classification/ClassificationsAlphaOrder.pdf
PRODUCT ATTRIBUTE REPORT
Transparency Declaration
USG Eclipse™ Acoustical Panels


6. California Proposition 65 (Prop 65) – California law that regulates chemicals known to cause cancer, birth defects or other reproductive harm, and informs citizens about exposures to such chemicals. Source: http://oehha.ca.gov/prop65/prop65_list/Newlist.html


8. United States Environmental Protection Agency Toxic Release Inventory Listed Chemicals (USEPA TRI) – Chemicals that cause cancer, chronic human health effects, significant adverse acute human health effects, or environmental effects. Source: http://www2.epa.gov/toxics-release-inventory-tri-program/tri-listed-chemicals

GreenScreen® for Safer Chemicals is a method for comparative Chemical Hazard Assessment (CHA) that can be used for identifying chemicals of high concern and safer alternatives. Drivers for chemical hazard assessment include regulatory standards and ecolabels including; AOEC, Boyes-N, CEPA, DOT, DSL, EPA lists, EU lists, G&L, IARC, MAK, NIOSH-C, NTP lists, NWP Priority, OR P3, OSPAR, PIC, Prop 65, Stockholm, TEDX, TRI PBT, WA PBT, WHMIS, GHS Country lists, SIN, and VwVwS. The US Green Building Council has recently included GreenScreen® in its LEED® rating system v4.