**Name** | Bonded Quartz  
---|---
**Product ID** | [https://www.forms-surfaces.com/bonded-quartz](https://www.forms-surfaces.com/bonded-quartz)  
**Website** | https://www.forms-surfaces.com/bonded-quartz  
**Manufacturer** | Forms+Surfaces  
**Address** | 30 Pine Street  
 | Pittsburgh, PA 15223  
**Manufacturer Contact** | Forms+Surfaces  
**Title** | Phone  
 | Email  
 | 800.451.0410  
 | green@forms-surfaces.com  
**Description** | Bonded Quartz combines ceramic microspheres and a fiber-reinforced polymer matrix to create a material that is lightweight, durable and easy to clean. The standard colors for Bonded Quartz are Bonded White and Bonded Charcoal.  
**Release Date** | 2016-02-02  
**Expiry Date** | 2019-02-02  
**Contact Name** | Forms+Surfaces  
**Title** | Phone  
 | Email  
 | 800.451.0410  
 | green@forms-surfaces.com  
**Second Party Certifier** |  
**Third Party Certifier** |  
**Certificate #** |  
**Residuals Disclosure** |  
- Measured 100 ppm (ideal)  
- Measured 1000 ppm  
- Predicted by process chemistry  
- As per MSDS (1,000 & 10,000 ppm)  
- Not disclosed  
- Other  
**Full Disclosure of Intentional Ingredients** |  
- Yes  
- No  
**Full Disclosure of Known Hazards** |  
- Yes  
- No  
**Disclosure Notes** | The residuals are predicted by process chemistry using the HBN Pharos Tool.  
**Contents in Descending Order of Quantity** | Undisclosed (Fiber-reinforced polymer matrix), Undisclosed (Ceramic Microspheres), Undisclosed (Residual 1), Undisclosed (Residual 2), Undisclosed (Residual 3)  
**Hazards** |  
- PBT (Persistent Bioaccumulative Toxic)  
- Cancer  
- Gene Mutation  
- Development  
- Reproductive  
- Endocrine  
- Respiratory  
- Neurotoxicity  
- Mammal  
- Skin or Eye  
- Aquatic toxicity  
- Land toxicity  
- Physical hazard  
- Global warming  
- Ozone depletion  
**Highest concern GreenScreen score - List Translator Benchmark 1** |  
- Multiple  
- Unknown  
**Total VOC Content** | Material (g/L) | N/A  
 | Regulatory (g/L) | N/A  
**Does the product contain exempt VOCs?** |  
- Yes  
- No  
**Are there VOC-free tints available?** |  
- Yes  
- No  
**Notes** |  
**Certifications + Compliance** | **VOC Emissions** | Not tested  
 | **VOC Content** | N/A  

Health Product Declaration v1.0 - hpdcollaborative.org - Page 1 of 4
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>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard A</td>
<td></td>
<td>0 - 100%</td>
<td>LT-1</td>
<td>N</td>
<td>U</td>
<td>fiber-reinforced polymer matrix</td>
</tr>
<tr>
<td>Hazard B</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazard C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazard D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hazard E</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes**

Undisclosed (Fiber-reinforced polymer matrix)

CANCER

NTP-RoC: Reasonably Anticipated to be Human Carcinogen (also in NIOSH-C, MAK)

ENDOCRINE

EU ED: Category 1 - In vivo evidence of endocrine disruption activity

RESPIRATORY

AOEC: Asthmagen (AG) - generally accepted

MAMMALIAN

EU R-Phrases: R20: Harmful by inhalation.

EYE IRRITATION

EU R-Phrases: R36: Irritating to eyes.

SKIN IRRITATION

EU R-Phrases: R38: Irritating to skin.

MULTIPLE

VwVwS: Class 2 Hazard to Waters

All component information is proprietary. Some ingredients are unknown and have not been provided by our vendors. All known hazards have been disclosed.

Undisclosed (Ceramic Microspheres)

MULTIPLE

VwVwS: Class 3 Severe Hazard to Waters

All component information is proprietary. Some ingredients are unknown and have not been provided by our vendors. All known hazards have been disclosed.

Undisclosed (Residual 1)

CANCER

NIOSH-C: Occupational carcinogen

All component information is proprietary. Some ingredients are unknown and have not been provided by our vendors. All known hazards have been disclosed.

Undisclosed (Residual 2)

All component information is proprietary. Some ingredients are unknown and have not been provided by our vendors. All known hazards have been disclosed.
### DEVELOPMENTAL
EU R-Phrases: R63: Possible risk of harm to the unborn child.

### ENDOCRINE
TEDX: Potential Endocrine Disruptor

All component information is proprietary. Some ingredients are unknown and have not been provided by our vendors. All known hazards have been disclosed.

<table>
<thead>
<tr>
<th>Undisclosed (Residual 3)</th>
<th>Unknown</th>
<th>R</th>
<th>LT-1</th>
<th>Monomer</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>CANCER</th>
<th>Prop 65: Cancer</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESPIRATORY</td>
<td>AOEC: Asthmagen (AG) - generally accepted</td>
</tr>
<tr>
<td>SKIN IRRITATION</td>
<td>EU H-Statements: H317 May cause an allergic skin reaction</td>
</tr>
<tr>
<td>SKIN SENSITIZE</td>
<td>EU R-Phrases: R43: May cause sensitization by skin contact.</td>
</tr>
</tbody>
</table>

All component information is proprietary. Some ingredients are unknown and have not been provided by our vendors. All known hazards have been disclosed.

---

### 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>Certifier or Laboratory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certifying Party</td>
<td>Issue Date</td>
<td>Expiry Date</td>
</tr>
</tbody>
</table>

**Applicable Facilities**

**Notes**

<table>
<thead>
<tr>
<th>VOC Emissions</th>
<th>Not tested</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>VOC Content</th>
<th>N/A</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Recycled Content</th>
<th>Not tested</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Other</th>
<th></th>
</tr>
</thead>
</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>Condition when required or recommended and/or other notes</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Construction adhesive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction Adhesive Application - Apply adhesive using a notched trowel and following adhesive manufacturer’s written instructions.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ammonia-free cleaner/degreaser</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bonded Quartz requires very little maintenance. Routine dust should be removed by periodic vacuuming or with a soft brush. Fingerprints, smudges and more persistent dirt can be removed by using an ammonia-free cleaner/degreaser such as Simple Green.</td>
</tr>
</tbody>
</table>