ARTO Concrete Tile & Brick Veneer

**Product ID Classification**
09 30 36.00 Finishes: Concrete Tiling

**Website**
www.artobrick.com/concrete

**Manufacturer**
Arto Brick California Pavers
15209 S. Broadway Street
Gardena, CA 90248

**Contact Name**
William Love

**Title**
Technical Director

**Phone**
310-308-4222

**Email**
wlove@artobrick.com

**Description**
ARTO handcrafted concrete tile & brick veneer is manufactured in Los Angeles, CA in both rustic and modern styles. Over 99% of raw materials are locally sourced. Sizes range from 2” x 2” to 36” x 36” and available shapes includes square, rectangles, triangles, hexagons, octagons, arabesques and more. Over 40 standard colors and blends offered plus variety of surface textures. Stairtreads, copings, surface bullnoses, base coves, decos, corners and other accessories are available to complete the installation. Custom sizes, shapes, colors, and textures are also available.

**Release Date**
2015-07-30

**Expire Date**
2018-07-30

**HPD URL**

**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 (1,000 & 10,000 ppm)
- Not disclosed
- Other

**Full Disclosure of Intentional Ingredients**

**Full Disclosure of Known Hazards**

**Disclosure Notes**

**Contents in Descending Order of Quantity**

QUARTZ, PORTLAND CEMENT, WATER, THIOCYANATE SODIUM, CALCIUM NITRATE, N-HYDRATE, CALCIUM NITRATE, 4-HYDRATE, FERRIC OXIDE YELLOW, CHROMIUM (III) OXIDE, C.I. pigment blue 36, Iron oxide, FERRIC OXIDE, DIETHANOLAMINE, TRIETHANOLAMINE

**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

- 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

**Certifications + Compliance**

**VOC Emissions**
Not tested

**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>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard A</td>
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<td></td>
<td></td>
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<tr>
<td>Hazard B</td>
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<tr>
<td>Hazard C</td>
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<td>Hazard D</td>
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<tr>
<td>Hazard E</td>
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</tr>
</tbody>
</table>

**Notes**

- **QUARTZ**
  - CAS RN: 14808-60-7
  - % weight: 71.6%
  - GS: LT-1
  - RC: N
  - Nano: U
  - Role: Concrete aggregates - sand and gravel

- **PORTLAND CEMENT**
  - CAS RN: 65997-15-1
  - % weight: 18%
  - GS: LT-U
  - RC: N
  - Nano: N
  - Binder for cementitious product

- **WATER**
  - CAS RN: 7732-18-5
  - % weight: 9%
  - GS: 4
  - RC: U
  - Nano: U
  - Role: Potable water for concrete production

- **THIOCYANATE SODIUM**
  - CAS RN: 540-72-7
  - % weight: 0.01%
  - GS: LT-U
  - RC: N
  - Nano: U
  - Role: Accelerating concrete admixture

- **CALCIUM NITRATE, N-HYDRATE**
  - CAS RN: 10124-37-5
  - % weight: 0.01%
  - GS: LT-U
  - RC: U
  - Nano: U
  - Role: Accelerating concrete admixture

- **CANCER**
  - IARC: Group 1: Agent is carcinogenic to humans - inhaled from occupational sources (also in NIOSH-C, MAK, NTP-RoC, Prop 65)

Manufactured locally in Colton, CA (70 miles from ARTO factory)

- **None found**
  - No warnings found on HPD Priority lists

- **None found**
  - No warnings found on HPD Priority lists

- **None found**
  - No warnings found on HPD Priority lists
<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>UN Number</th>
<th>TD</th>
<th>LD</th>
<th>USE</th>
<th>Safety Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CALCIUM NITRATE, 4-HYDRATE</strong></td>
<td>13477-34-4</td>
<td>0.01 %</td>
<td>LT-U</td>
<td>U</td>
<td>U</td>
<td>Water-reducing concrete admixture</td>
</tr>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority lists</td>
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</tr>
<tr>
<td><strong>FERRIC OXIDE YELLOW</strong></td>
<td>51274-00-1</td>
<td>0 - 1.3 %</td>
<td>LT-U</td>
<td>PI</td>
<td>U</td>
<td>Liquid iron oxide yellow pigment</td>
</tr>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority lists</td>
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</tr>
<tr>
<td><strong>CHROMIUM (III) OXIDE</strong></td>
<td>1308-38-9</td>
<td>0 - 1.3 %</td>
<td>LT-U</td>
<td>PI</td>
<td>U</td>
<td>Chromium oxide green pigment</td>
</tr>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority lists</td>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>C.I. pigment blue 36</strong></td>
<td>68187-11-1</td>
<td>0 - 1.3 %</td>
<td>LT-U</td>
<td>PI</td>
<td>U</td>
<td>Cobalt chromite blue pigment</td>
</tr>
<tr>
<td>None found</td>
<td>No warnings found on HPD Priority lists</td>
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<td></td>
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</tr>
<tr>
<td><strong>Iron oxide</strong></td>
<td>1317-61-9</td>
<td>0 - 1.3 %</td>
<td>LT-U</td>
<td>U</td>
<td>U</td>
<td>Liquid iron oxide black pigment</td>
</tr>
<tr>
<td><strong>FERRIC OXIDE</strong></td>
<td>1309-37-1</td>
<td>0 - 1.3 %</td>
<td>2</td>
<td>PI</td>
<td>N</td>
<td>Liquid iron oxide red pigment</td>
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<tr>
<td><strong>DIETHANOLAMINE</strong></td>
<td>111-42-2</td>
<td>0 %</td>
<td>LT-1</td>
<td>U</td>
<td>U</td>
<td>Water-reducing concrete admixture</td>
</tr>
<tr>
<td><strong>TRIETHANOLAMINE</strong></td>
<td>102-71-6</td>
<td>0 %</td>
<td>LT-U</td>
<td>U</td>
<td>U</td>
<td>Water-reducing concrete admixture</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.
### 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>

- **Waterproofing/Antifracture Membrane**
  - Mandatory for exterior installations and recommended for interior installations

- **Mortar (VOC 0.00 g/L)**
  - Required for all installations

- **Sealer (VOC 250.00 g/L)**
  - Sealer is recommended for indoor and outdoor applications and VOC content should meet SCAQMD limits

- **Cementitious Grout (VOC 0.00 g/L)**
  - Required for all installations
<table>
<thead>
<tr>
<th>Cementitious Backer Board</th>
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<tbody>
<tr>
<td>May be used for walls and floors in various installation types.</td>
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</tbody>
</table>

**NOTES**