Section 1: Summary

Content Inventory

Inventory Reporting Format
- Nested Materials Method
- Basic Method

Threshold Disclosed Per
- Material
- Product

Threshold level
- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Other

Residuals/Impurities
- All substances above the threshold indicated are:
  - Characterized
    - Yes Ex/SC Yes No
  - Not Considered
  - Yes
  - No

All substances screened using Priority Hazard Lists with results disclosed.

Identified
- All substances disclosed by Name (Specific or Generic) and Identifier.
- Yes Ex/SC Yes No

Content in Descending Order of Quantity

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY | GREENSCREEN SCORE | HAZARD TYPE
--- | --- | --- | --- | ---
1900827 SPEC MIX TYPE N (WITH IWR) | QUARTZ LT-1 | CAN | PORTLAND CEMENT LT-P1 | END | CAN CALCIUM HYDROXIDE LT-P1

Volatile Organic Compound (VOC) Content

VOC Content data is not applicable for this product category.

Certifications and Compliance

See Section 3 for additional listings.

VOC emissions: n/a

Consistency with Other Programs

No pre-checks completed or disclosed.
### 1900827 SPEC MIX TYPE N (WITH IWR)

**PRODUCT THRESHOLD:** 1000 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** Residuals and impurities were considered when generating this document.

**OTHER PRODUCT NOTES:** No other product notes.

<table>
<thead>
<tr>
<th>QUARTZ</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ID:</strong> 14808-60-7</td>
</tr>
<tr>
<td><strong>HAZARD SCREENING METHOD:</strong> Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td><strong>HAZARD SCREENING DATE:</strong> 2020-07-10</td>
</tr>
<tr>
<td>Weight Proportion (%): 80.0000 - 85.0000</td>
</tr>
</tbody>
</table>
| **GS:** LT-1  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Filler |
| **HAZARD TYPE** | **AGENCY AND LIST TITLES** | **WARNINGS** |
| **CANCER** | IARC | Group 1 - Agent is Carcinogenic to humans |
| **CANCER** | US CDC - Occupational Carcinogens | Occupational Carcinogen |
| **CANCER** | CA EPA - Prop 65 | Carcinogen - specific to chemical form or exposure route |
| **CANCER** | IARC | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources |
| **CANCER** | US NIH - Report on Carcinogens | Known to be Human Carcinogen (respirable size - occupational setting) |
| **CANCER** | MAK | Carcinogen Group 1 - Substances that cause cancer in man |
| **CANCER** | GHS - New Zealand | 6.7A - Known or presumed human carcinogens |
| **CANCER** | GHS - Japan | Carcinogenicity - Category 1A [H350] |
| **CANCER** | GHS - Australia | H350i - May cause cancer by inhalation |

**SUBSTANCE NOTES:** No substance notes for this material.

### PORTLAND CEMENT

**ID:** 65997-15-1

<table>
<thead>
<tr>
<th>PORTLAND CEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HAZARD SCREENING METHOD:</strong> Pharos Chemical and Materials Library</td>
</tr>
<tr>
<td><strong>HAZARD SCREENING DATE:</strong> 2020-07-10</td>
</tr>
<tr>
<td>Weight Proportion (%): 15.0000 - 18.0000</td>
</tr>
</tbody>
</table>
| **GS:** LT-P1  
**RC:** None  
**NANO:** No  
**SUBSTANCE ROLE:** Binder |

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library

**HAZARD SCREENING DATE:** 2020-07-10

**SUBSTANCE NOTES:** No substance notes for this material.
<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENDOCRINE</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: No substance notes for this material.

---

**CALCIUM HYDROXIDE**

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharos Chemical and Materials Library</td>
<td>2020-07-10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>%: 4.0000 - 9.0000</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>SUBSTANCE ROLE: Binder</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>None found</td>
<td></td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: No substance notes for this material.
Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

<table>
<thead>
<tr>
<th>VOC EMISSIONS</th>
<th>n/a</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Self-declared</td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2020-07-10</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2030-06-27</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>n/a</td>
</tr>
</tbody>
</table>

No accessories are required for this product.

No general notes for this product.
MANUFACTURER INFORMATION

MANUFACTURER: QUIKRETE Companies, LLC
ADDRESS: 5 Concourse Parkway
           Suite 1900
           Atlanta GA 30328, USA
WEBSITE: www.QUIKRETE.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

- AQU Aquatic toxicity
- CAN Cancer
- DEV Developmental toxicity
- END Endocrine activity
- EYE Eye irritation/corrosivity
- GEN Gene mutation
- GLO Global warming
- LAN Land toxicity
- MAM Mammalian/systemic/organ toxicity
- MUL Multiple
- NEU Neurotoxicity
- NF Not found on Priority Hazard Lists
- OZO Ozone depletion
- PBT Persistent, bioaccumulative, and toxic
- PHY Physical hazard (flammable or reactive)
- REP Reproductive
- RES Respiratory sensitization
- SKI Skin sensitization/irritation/corrosivity
- UNK Unknown

GreenScreen (GS)

- BM-4 Benchmark 4 (prefer-safer chemical)
- BM-3 Benchmark 3 (use but still opportunity for improvement)
- BM-2 Benchmark 2 (use but search for safer substitutes)
- BM-1 Benchmark 1 (avoid - chemical of high concern)
- BM-U Benchmark Unspecified (due to insufficient data)
- LT-P1 List Translator Possible 1 (Possible Benchmark-1)
- LT-1 List Translator 1 (Likely Benchmark-1)
- LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LT1 score.)
- NoGS No GreenScreen.

Recycled Types

- PreC Pre-consumer recycled content
- PostC Post-consumer recycled content
- UNK Inclusion of recycled content is unknown
- None Does not include recycled content

Other Terms:

- GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

- Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
- Nested Method / Product Threshold Substances listed within each material per threshold indicated per product

Nano

- Composed of nano scale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this document.
HPD and for compliance with the HPD standard noted.