QUIKRETE 5000 Concrete Mix is suitable for any concrete use requiring high early strength and rapid strength gains. QUIKRETE 5000 sets quickly, making it ideal for cold weather applications. It has a walk-on time of 10 - 12 hours. QUIKRETE 5000 can be used for any application requiring concrete in a minimum thickness of 2" (51 mm), such as slabs, footings, steps, columns, walls and patios.

Section 1: Summary

Basic Method / Product Threshold

 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
- Per OSHA MSDS
- Other

 Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

 All Substances Above the Threshold Indicated Are:

- Characterized
- Screened
- Identified

 Explanation(s) provided for Residuals/Impurities?

- 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
QUIKRETE 5000 CONCRETE MIX | UNDISCLOSED | LT-1 | CAN

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

- VOC emissions: MAS Certified Green - VOC Emissions
- VOC content: MAS Certified Green - VOC Content

PREPARER: Self-Prepared
VERIFIER: 
VERIFICATION #: 
SCREENING DATE: 2019-09-27
PUBLISHED DATE: 2019-09-27
EXPIRY DATE: 2022-09-27

INVENTORY AND SCREENING NOTES:

There are no screening notes for this product.

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1
This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

<table>
<thead>
<tr>
<th>QUIKRETE 5000 CONCRETE MIX</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PRODUCT THRESHOLD:</strong> 100 ppm</td>
</tr>
<tr>
<td><strong>RESIDUALS AND IMPURITIES CONSIDERED:</strong> Yes</td>
</tr>
<tr>
<td><strong>RESIDUALS AND IMPURITIES NOTES:</strong> This product contains no impurities or residuals not identified in the composition page.</td>
</tr>
<tr>
<td><strong>OTHER PRODUCT NOTES:</strong> No additional product notes.</td>
</tr>
</tbody>
</table>
### Substance 1

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-09-27

<table>
<thead>
<tr>
<th>%:</th>
<th>82.00 - 85.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>GS:</td>
<td>LT-1</td>
</tr>
<tr>
<td>RC:</td>
<td>None</td>
</tr>
<tr>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>ROLE:</td>
<td>Filler</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

- **CANCER**
  - IARC Group 1 - Agent is Carcinogenic to humans
  - US CDC - Occupational Carcinogens Occupational Carcinogen
  - CA EPA - Prop 65 Carcinogen - specific to chemical form or exposure route
  - IARC Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
  - US NIH - Report on Carcinogens Known to be Human Carcinogen (respirable size - occupational setting)
  - MAK Carcinogen Group 1 - Substances that cause cancer in man
  - GHS - New Zealand 6.7A - Known or presumed human carcinogens
  - GHS - Japan Carcinogenicity - Category 1A [H350]
  - GHS - Australia H350i - May cause cancer by inhalation

**WARNINGS**

**SUBSTANCE NOTES:** There are no substance notes for this product.

### Substance 2

**HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library  
**HAZARD SCREENING DATE:** 2019-09-27

<table>
<thead>
<tr>
<th>%:</th>
<th>15.00 - 18.00</th>
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</thead>
<tbody>
<tr>
<td>GS:</td>
<td>LT-P1</td>
</tr>
<tr>
<td>RC:</td>
<td>None</td>
</tr>
<tr>
<td>NANO:</td>
<td>No</td>
</tr>
<tr>
<td>ROLE:</td>
<td>Binder</td>
</tr>
</tbody>
</table>

**HAZARD TYPE**

- **ENDOCRINE**
  - TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

- **CANCER**
  - MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

**WARNINGS**

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

### VOC EMISSIONS

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Self-declared</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISSUE DATE:</td>
<td>2019-09-27</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2020-09-27</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>The QUIKRETE Companies, LLC</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>Applicable to all manufacturing facilities of this product.</td>
</tr>
</tbody>
</table>

**CERTIFICATION AND COMPLIANCE NOTES:** This product contains zero VOC

### VOC CONTENT

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
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<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All manufacturing facilities</td>
</tr>
</tbody>
</table>

**CERTIFICATION AND COMPLIANCE NOTES:** This product contains zero VOC

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Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

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Section 5: General Notes

There are no general notes for this product.
**MANUFACTURER INFORMATION**

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

**CONTACT NAME:** Richard Schwartz  
**TITLE:** Laboratory Manager  
**PHONE:** 404-634-9100  
**EMAIL:** richard.schwartz@quikrete.com

**KEY**

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet  
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**Hazard Types**

- AQU Aquatic toxicity  
- CAN Cancer  
- DEV Developmental toxicity  
- END Endocrine activity  
- EYE Eye irritation/corrosivity  
- GEN Gene mutation

- GLO Global warming  
- MAM Mammalian/systemic/organ toxicity  
- MUL Multiple hazards  
- NEU Neurotoxicity  
- OZO Ozone depletion  
- PBT Persistent Bioaccumulative Toxic  
- PHY Physical Hazard (reactive)  
- REP Reproductive toxicity  
- RES Respiratory sensitization  
- SKI Skin sensitization/irritation/corrosivity  
- LAN Land Toxicity  
- NF Not found on Priority Hazard Lists

**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 (insufficient data to benchmark)

- LT-P1 List Translator Possible Benchmark 1  
- LT-L1 List Translator Likely Benchmark 1  
- LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)  
- NoGS Unknown (no data on List Translator Lists)

**Recycled Types**

- PreC Preconsumer (Post-Industrial)  
- PostC Postconsumer  
- Both Both Preconsumer and Postconsumer  
- Unk Inclusion of recycled content is unknown  
- None Does not include recycled content

**Other Terms**

**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  
- Basic Method / Product Threshold Substances listed individually 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

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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 HPD and for compliance with the HPD standard noted.