LATICRETE® SUPERCAP® SC650 MC is a medium/coarse-sanded, pumpable and pourable, low alkali cement-based, premium self-leveling topping suitable as a high-strength wear surface or underlayment. LATICRETE SUPERCAP SC650 MC is based on a proprietary mineral binder system that is used to finish interior concrete and level uneven floor surfaces. Apply it over concrete and other types of sound substrates before polishing, installing coatings or other flooring systems.

Section 1: Summary

Basic Method / Product Threshold

All Substances Above the Threshold Indicated Are:

- Characterized
  - Yes Ex/SC
  - Yes
  - No
  - % weight and role provided for all substances.

- Screened
  - Yes Ex/SC
  - Yes
  - No
  - All substances screened using Priority Hazard Lists with results disclosed.

- Identified
  - Yes Ex/SC
  - Yes
  - No
  - One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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.

INVENTORY AND SCREENING NOTES:

This HPD was created with Basic Inventory. Materials listed as Undisclosed in Section 2 is done to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards of these components.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.00
Regulatory (g/l): N/A
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

VOC emissions: N/A
VOC content: TDS 251 "Low VOC LATICRETE Products"
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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

LATICRETE® SUPERCAP® SC650 MC

PRODUCT THRESHOLD: 100 ppm  RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are measured by quantitative methods and are only displayed when they are potentially greater than 100 ppm.


QUARTZ

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  HAZARD SCREENING DATE: 2020-10-13
%
52.0000 - 65.0000  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: The amount of this component may vary based on plant of manufacture.

PORTLAND CEMENT

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  HAZARD SCREENING DATE: 2020-10-13
%
10.0000 - 20.0000  GS: LT-P1  RC: None  NANO: No  SUBSTANCE ROLE: Binder

HAZARD TYPE  AGENCY AND LIST TITLES  WARNINGS
ENDOCRINE  TEDX - Potential Endocrine Disruptors  Potential Endocrine Disruptor
CANCER  MAK  Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>% Range</th>
<th>GS Type</th>
<th>RC Type</th>
<th>NANO Type</th>
<th>Substance Role</th>
<th>HAZARD TYPE</th>
<th>Agency and List Titles</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Oxide</td>
<td>1305-78-8</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-13</td>
<td>9.0000 - 12.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Filler</td>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
<tr>
<td>Gypsum</td>
<td>13397-24-5</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-13</td>
<td>9.0000 - 12.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
<tr>
<td>High-Alumina Cement</td>
<td>65997-16-2</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-13</td>
<td>5.0000 - 15.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
<tr>
<td>Undisclosed</td>
<td></td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-13</td>
<td>2.0000 - 5.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Polymer species</td>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
<tr>
<td>Undisclosed</td>
<td></td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-13</td>
<td>0.5000 - 1.0000</td>
<td>NoGS</td>
<td>None</td>
<td>No</td>
<td>Binder</td>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
</tbody>
</table>
UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2020-10-13

%: 0.5000 - 1.0000  
GS: NoGS  
RC: None  
NANO: No  
SUBSTANCE ROLE: Dispersant

None found  
No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2020-10-13

%: 0.1000 - 0.2000  
GS: LT-UNK  
RC: None  
NANO: No  
SUBSTANCE ROLE: Defoamer

None found  
No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2020-10-13

%: 0.0800 - 0.1000  
GS: LT-UNK  
RC: None  
NANO: No  
SUBSTANCE ROLE: Processing regulator

None found  
No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library  
HAZARD SCREENING DATE: 2020-10-13

%: 0.0700 - 0.0900  
GS: LT-UNK  
RC: None  
NANO: No  
SUBSTANCE ROLE: Processing regulator

None found  
No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.
<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-10-13</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.0500 - 0.1000</td>
<td>GS: LT-1</td>
</tr>
<tr>
<td></td>
<td>RC: None</td>
</tr>
<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td></td>
<td>SUBSTANCE ROLE: Defoamer</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - REACH Annex XVII CMRs</td>
</tr>
<tr>
<td>MULTIPLE</td>
<td>ChemSec - SIN List</td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - Annex VI CMRs</td>
</tr>
<tr>
<td>CANCER</td>
<td>GHS - Australia</td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-10-13</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.0500 - 0.0700</td>
<td>GS: LT-UNK</td>
</tr>
<tr>
<td></td>
<td>RC: None</td>
</tr>
<tr>
<td></td>
<td>NANO: No</td>
</tr>
<tr>
<td></td>
<td>SUBSTANCE ROLE: Processing regulator</td>
</tr>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
</tr>
<tr>
<td>EYE IRRITATION</td>
<td>EU - GHS (H-Statements)</td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.
<table>
<thead>
<tr>
<th>Substance Name</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE</th>
<th>% Range</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>Substance Role</th>
<th>Hazard Type</th>
<th>Agency and List Titles</th>
<th>Warnings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, Amorphous</td>
<td>7631-86-9</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-13</td>
<td>0.0500 - 0.1000</td>
<td>BM-1</td>
<td>None</td>
<td>No</td>
<td>Dispersant</td>
<td>Cancer</td>
<td>GHS - Japan</td>
<td>Carcinogenicity - Category 1A [H350]</td>
</tr>
<tr>
<td>Undisclosed</td>
<td></td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-13</td>
<td>0.0100 - 0.0300</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Viscosity modifier</td>
<td>Endocrine</td>
<td>TEDX - Potential Endocrine Disruptors</td>
<td>Potential Endocrine Disruptor</td>
</tr>
<tr>
<td>Undisclosed</td>
<td></td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-13</td>
<td>0.0020 - 0.0050</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Viscosity modifier</td>
<td>Cancer</td>
<td>GHS - Japan</td>
<td>Carcinogenicity - Category 1A [H350]</td>
</tr>
<tr>
<td>Calcium Carbonate</td>
<td>471-34-1</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-13</td>
<td>Impurity/Residual</td>
<td>BM-3</td>
<td>None</td>
<td>No</td>
<td>Impurity/Residual</td>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
<td></td>
</tr>
<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>Pharos Chemical and Materials Library</td>
<td>2020-10-13</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.

SUBSTANCE NOTES: This substance is an impurity or residual. This impurity/residual may or may not be present based on the source of the raw material and, if present, may or may not be greater than 100 ppm.

SUBSTANCE NOTES: This substance is an impurity or residual. This impurity/residual may or may not be present based on the source of the raw material and, if present, may or may not be greater than 100 ppm.

LIMESTONE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2020-10-13

SUBSTANCE NOTES: This substance is an impurity or residual. This impurity/residual may or may not be present based on the source of the raw material and, if present, may or may not be greater than 100 ppm.
<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:** This substance is an impurity or residual. This impurity/residual may or may not be present based on the source of the raw material and, if present, may or may not be greater than 100 ppm.
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>Certification</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Self-declared</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>Applies to All Facilities.</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2020-10-13</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>LATICRETE</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>This product has not yet been tested for VOC emissions.</td>
</tr>
</tbody>
</table>

### VOC CONTENT

<table>
<thead>
<tr>
<th>Certification</th>
<th>TDS 251 &quot;Low VOC LATICRETE Products&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Self-declared</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>Applies to All Facilities.</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="https://cdn.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx">https://cdn.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx</a></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2020-10-13</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>LATICRETE</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td>Meets LEED v4.1 Credit &quot;Low Emitting Materials&quot; VOC Content Requirements per SCAQMD Rule 1168 (Tile Adhesive).</td>
</tr>
</tbody>
</table>

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.

### WATER

| CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: | LATICRETE SUPERCAP SC650-MC to be mixed with water only following mix ratio and directions on product data sheet. |
| HPD URL: | No HPD Available |

Section 5: General Notes

LATICRETE® SUPERCAP® SC650 MC meets the Living Building Challenge v4.0 requirement that the product does not contain any of the Red Listed Materials or Chemicals. Specifically, LATICRETE SUPERCAP SC650 MC does not contain the following: Antimicrobials (marketed with a health claim) • Alkylphenols and related compounds • Asbestos • Bisphenol A (BPA) and structural analogues • California Banned Solvents • Chlorinated Polymers, including Chlorinated Polyethylene (CPE), Chlorinated Polyvinyl Chloride (CPVC), Chloroprene (neoprene monomer), Chlorosulfonated polyethylene (CSPE), Polyvinylidene chloride (PVDC), and Polyvinyl Chloride (PVC) • Chlorobenzenes • Chlorofluorocarbons (CFCs) & Hydrochlorofluorocarbons (HCFCs) • Formaldehyde (added) • Monomeric, polymeric and organo-phosphate halogenated flame retardants (HFRs) • Organotin Compounds • Perfluorinated Compounds (PFCs) • Phthalates (orthophthalates) • Polychlorinated Biphenyls (PCBs) • Polycyclic Aromatic Hydrocarbons (PAH) • Short-Chain and Medium-Chain Chlorinated Paraffins • Toxic Heavy Metals - Arsenic, Cadmium, Chromium, Lead (added), and Mercury • Wood treatments containing Creosote, Arsenic or Pentachlorophenol. See Section 1 for Volatile Organic Compounds (VOC) (wet applied products) information.
MANUFACTURER INFORMATION

MANUFACTURER: LATICRETE International
ADDRESS: 1 Laticrete Park North
Bethany CT 06524, USA
WEBSITE: https://laticrete.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

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 LTP1 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
- 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

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.