LATICRETE® PERMACOLOR® Select Color Kit
by LATICRETE International

CLASSIFICATION: 09 30 00

PRODUCT DESCRIPTION: LATICRETE PERMACOLOR Select Color Kit contains two color packets which are designed for use with LATICRETE PERMACOLOR Select Grout and is available in 40 LATICRETE colors, many competitor's colors and any paint color available through Benjamin Moore or Sherwin Williams color options.

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

Explanation(s) provided for Residuals/Impurities?
- Yes
- No

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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
LATICRETE PERMACOLOR SELECT COLOR KIT | TITANIUM DIOXIDE COMPOUNDS (TITANIUM DIOXIDE COMPOUNDS) | LT-1 | CAN SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) LT-UNK | CAN FERRIC OXIDE BM-2 | CAN TITANIUM DIOXIDE LT-1 | CAN | END CHROMIUM (III) OXIDE LT-P1 | SKI UNDISCLOSED LT-P1 | UNDISCLOSED LT-UNK CARBON BLACK LT-1 | CAN |

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

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1
Nanomaterial ... No

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.

CERTIFICATIONS AND COMPLIANCE

See Section 3 for additional listings.

VOC emissions: UL GreenGuard Gold (PERMACOLOR Select)
VOC content: TDS 251 "Low VOC LATICRETE® Products"
LCA: LATICRETE Grout for Tile Installation Product Specific (Type III) Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #: 
SCREENING DATE: 2018-08-02
PUBLISHED DATE: 2018-12-21
EXPIRY DATE: 2021-08-02
Section 2: Content in Descending Order of Quantity

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, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

LATICRETE PERMACOLOR SELECT COLOR KIT

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.
OTHER PRODUCT NOTES: See SDS at www.laticrete.com for occupational exposure information.

TITANIUM DIOXIDE COMPOUNDS (TITANIUM DIOXIDE COMPOUNDS) id: Not registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2018-08-02

<table>
<thead>
<tr>
<th>%: Impurity/Residual</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Impurity/Residual</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>MAK</td>
<td>Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value</td>
<td></td>
<td></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.

SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) id: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library
HAZARD SCREENING DATE: 2018-08-02

<table>
<thead>
<tr>
<th>%: 0.0000 - 90.0000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Filler</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD TYPE</td>
<td>AGENCY AND LIST TITLES</td>
<td>WARNINGS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CANCER</td>
<td>EU - GHS (H-Statements)</td>
<td>H351 - Suspected of causing cancer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture.
### Ferric Oxide

- **ID:** 1309-37-1
- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2018-08-02
- **%:** 0.0000 - 60.0000
- **GS:** BM-2
- **RC:** None
- **NANO:** No
- **ROLE:** Pigment
- **HAZARD TYPE:** CANCER
  - **AGENCY AND LIST TITLES:** MAK
  - **WARNINGS:** Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

**SUBSTANCE NOTES:** The amount of this component will vary based on color of LATICRETE PERMACOLOR Select Color chosen.

### Titanium Dioxide

- **ID:** 13463-67-7
- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2018-08-02
- **%:** 0.0000 - 50.0000
- **GS:** LT-1
- **RC:** None
- **NANO:** No
- **ROLE:** Pigment
- **HAZARD TYPE:** CANCER
  - **AGENCY AND LIST TITLES:** US CDC - Occupational Carcinogens
  - **WARNINGS:** Occupational Carcinogen
- CANCER
  - **AGENCY AND LIST TITLES:** CA EPA - Prop 65
  - **WARNINGS:** Carcinogen - specific to chemical form or exposure route
- CANCER
  - **AGENCY AND LIST TITLES:** IARC
  - **WARNINGS:** Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
- CANCER
  - **AGENCY AND LIST TITLES:** MAK
  - **WARNINGS:** Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
- ENDOCRINE
  - **AGENCY AND LIST TITLES:** TEDX - Potential Endocrine Disruptors
  - **WARNINGS:** Potential Endocrine Disruptor

**SUBSTANCE NOTES:** The amount of this component will vary based on color of LATICRETE PERMACOLOR Select Color chosen.

### Chromium (III) Oxide

- **ID:** 1308-38-9
- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2018-08-02
- **%:** 0.0000 - 40.0000
- **GS:** LT-P1
- **RC:** None
- **NANO:** No
- **ROLE:** Pigment
- **HAZARD TYPE:** SKIN SENSITIZE
  - **AGENCY AND LIST TITLES:** MAK
  - **WARNINGS:** Sensitizing Substance Sh - Danger of skin sensitization

**SUBSTANCE NOTES:** The amount of this component will vary based on color of LATICRETE PERMACOLOR Select Color chosen.

### Undisclosed

- **HAZARD SCREENING METHOD:** Pharos Chemical and Materials Library
- **HAZARD SCREENING DATE:** 2018-08-02
- **%:** 0.0000 - 40.0000
- **GS:** LT-P1
- **RC:** None
- **NANO:** No
- **ROLE:** Pigment
### Undisclosed

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE: 2018-08-02</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.0000 - 40.0000</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>ROLE: Pigment</td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** The amount of this component will vary based on color of LATICRETE PERMACOLOR Select Color chosen. This product is shown as undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS # was used to identify associated hazards.

### Carbon Black

<table>
<thead>
<tr>
<th>HAZARD SCREENING METHOD</th>
<th>HAZARD SCREENING DATE: 2018-08-02</th>
</tr>
</thead>
<tbody>
<tr>
<td>%: 0.0000 - 15.0000</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>ROLE: Pigment</td>
</tr>
</tbody>
</table>

#### Hazards

<table>
<thead>
<tr>
<th>HAZARD TYPE</th>
<th>AGENCY AND LIST TITLES</th>
<th>WARNINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CANCER</td>
<td>US CDC - Occupational Carcinogens</td>
<td>Occupational Carcinogen</td>
</tr>
<tr>
<td>CANCER</td>
<td>CA EPA - Prop 65</td>
<td>Carcinogen - specific to chemical form or exposure route</td>
</tr>
<tr>
<td>CANCER</td>
<td>IARC</td>
<td>Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources</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:** The amount of this component will vary based on color of LATICRETE PERMACOLOR Select Color chosen.
### 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><strong>VOC EMISSIONS</strong></th>
<th><strong>UL GreenGuard Gold (PERMACOLOR Select)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CERTIFYING PARTY:</strong></td>
<td><strong>Third Party</strong></td>
</tr>
<tr>
<td><strong>APPLICABLE FACILITIES:</strong></td>
<td><strong>Applies to All Facilities.</strong></td>
</tr>
<tr>
<td><strong>CERTIFICATE URL:</strong></td>
<td><a href="http://certificates.ulenvironment.com/default.aspx?id=65115&amp;t=cs">http://certificates.ulenvironment.com/default.aspx?id=65115&amp;t=cs</a></td>
</tr>
<tr>
<td><strong>ISSUE DATE:</strong></td>
<td>2009-07</td>
</tr>
<tr>
<td><strong>EXPIRY DATE:</strong></td>
<td>2019-07</td>
</tr>
<tr>
<td><strong>CERTIFIER OR LAB:</strong></td>
<td>UL Environment</td>
</tr>
<tr>
<td><strong>CERTIFICATION AND COMPLIANCE NOTES:</strong></td>
<td>Meets LEED v4 Credit &quot;Low Emitting Materials&quot; Emissions and Content Requirements. This product was tested in accordance with California Department of Public Health (CDPH) v1.2-2017 in an office and classroom environment.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>VOC CONTENT</strong></th>
<th><strong>TDS 251 &quot;Low VOC LATICRETE® Products&quot;</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CERTIFYING PARTY:</strong></td>
<td><strong>Self-declared</strong></td>
</tr>
<tr>
<td><strong>APPLICABLE FACILITIES:</strong></td>
<td><strong>Applies to All Facilities.</strong></td>
</tr>
<tr>
<td><strong>CERTIFICATE URL:</strong></td>
<td><a href="https://www.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx">https://www.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx</a></td>
</tr>
<tr>
<td><strong>ISSUE DATE:</strong></td>
<td>2018-12</td>
</tr>
<tr>
<td><strong>EXPIRY DATE:</strong></td>
<td><strong>CERTIFIER OR LAB:</strong> LATICRETE</td>
</tr>
<tr>
<td><strong>CERTIFICATION AND COMPLIANCE NOTES:</strong></td>
<td>Meets LEED v4 Credit &quot;Low Emitting Materials&quot; VOC Content Requirements per SCAQMD Rule 1168 (Tile Adhesive).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>LCA</strong></th>
<th><strong>LATICRETE Grout for Tile Installation Product Specific (Type III) Environmental Product Declaration</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CERTIFYING PARTY:</strong></td>
<td><strong>Third Party</strong></td>
</tr>
<tr>
<td><strong>APPLICABLE FACILITIES:</strong></td>
<td><strong>Applies to All Facilities in North America</strong></td>
</tr>
<tr>
<td><strong>ISSUE DATE:</strong></td>
<td>2016-11</td>
</tr>
<tr>
<td><strong>EXPIRY DATE:</strong></td>
<td>2021-11</td>
</tr>
<tr>
<td><strong>CERTIFIER OR LAB:</strong></td>
<td>UL Environment</td>
</tr>
<tr>
<td><strong>CERTIFICATION AND COMPLIANCE NOTES:</strong></td>
<td>Meets LEED v4 Credit &quot;Building Product Disclosure and Optimization-Environmental Product Declarations&quot; requirements as a Product Specific (Type III) EPD.</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.

| **LATICRETE PERMACOLOR SELECT BASE POWDER OR LATICRETE PERMACOLOR SELECT NS BASE POWDER** | **HPD URL:** https://cdn.laticrete.com/~/media/health-product-datasheets/tdsis/permacolor-select-base- |
LATICRETE® PERMACOLOR® Select Color Kit meets the Living Building Challenge requirement that the product does not contain any of the Red Listed Materials or Chemicals. Specifically, LATICRETE PERMACOLOR Select Color Kit does not contain the following:

- Alkylphenols
- Asbestos
- Bisphenol A (BPA)
- Cadmium
- Chlorinated Polyethylene & Chlorosulfonated Polyethylene
- Chlorobenzenes
- Chlorofluorocarbons (CFCs) & Hydrochlorofluorocarbons (HCFCs)
- Chloroprene (Neoprene)
- Chromium VI
- Chlorinated Polyvinyl Chloride (CPVC)
- Formaldehyde (all types - added)
- Halogenated Flame Retardants (HFRs)
- Lead (added)
- Mercury
- Polychlorinated Biphenyls (PCBs)
- Perfluorinated Compounds (PFCs)
- Phthalates
- Polyvinyl Chloride (PVC)
- Polyvinylidene Chloride (PVDC)
- Short Chain Chlorinated Paraffins
- Wood treatments containing Creosote, Arsenic or Pentachlorophenol.

LATICRETE PERMACOLOR Select Color Kit also does not contain the following California-defined Group II toxic exempt solvents:

- Methylene Chloride (Dichloromethane)
- 1,1,1-trichloroethane (methyl chloroform)
- Trichlorofluoromethane (CFC-11)
- Dichlorofluoromethane (CFC-12)
- 1,1,2-trichloro-1,2,2-trifluoroethane (CFC-113)
- 1,2-dichloro-1,1,2,2-tetrafluoroethane (CFC-114)
- Chloropentafluoroethane (CFC-115)
- Cyclic, Branched or Linear, Completely Methylated Siloxanes (VMS)
- Tetrachloroethylene (perchloroethylene)
- Ethylfluoride (HFC-161)
- 1,1,3,3,3-hexafluoropropane (HFC-236fa)
- 1,1,2,3,3-pentafluoropropane (HFC-245ca)
- 1,1,2,3,3-pentafluoropropane (HFC-245ea)
- 1,1,2,3,3-pentafluoropropane (HFC-245eb)
- 1,1,2,3,3-pentafluoropropane (HFC-245fa)
- 1,1,2,3,3-hexafluoropropane (HFC-236ea)
- 1,1,1,3,3-pentafluorobutane (HFC-365mfc)
- Chlorofluoromethane (HCFC-31)
- 1,2-dichloro-1,1,2-trifluoroethane (HCFC-123a)
- 1 chloro-1-fluoroethane (HCFC-151a)

LATICRETE PERMACOLOR Select Color Kit to be mixed with LATICRETE PERMACOLOR Select Base Powder or LATICRETE PERMACOLOR Select NS Base Powder using the correct amount of LATICRETE PERMACOLOR Select Color Kit packets for the amount of base powder used following the mix ratio and directions as stated in the product data sheet.
## MANUFACTURER INFORMATION

<table>
<thead>
<tr>
<th>MANUFACTURER:</th>
<th>LATICRETE International</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDRESS:</td>
<td>1 Laticrete Park North</td>
</tr>
<tr>
<td></td>
<td>Bethany CT 06524, USA</td>
</tr>
<tr>
<td>WEBSITE:</td>
<td><a href="http://www.laticrete.com">www.laticrete.com</a></td>
</tr>
<tr>
<td>CONTACT NAME:</td>
<td>Mitch Hawkins</td>
</tr>
<tr>
<td>TITLE:</td>
<td>Senior Manager, Technical Services</td>
</tr>
<tr>
<td>PHONE:</td>
<td>203-393-4619</td>
</tr>
<tr>
<td>EMAIL:</td>
<td><a href="mailto:wmhawkins@laticrete.com">wmhawkins@laticrete.com</a></td>
</tr>
</tbody>
</table>

## 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-1** 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.