DRYTEK® LEVELEX™ Plus
by LATICRETE International

CLASSIFICATION: 03 54 00

PRODUCT DESCRIPTION: DRYTEK LEVELEX PLUS IS A HIGH QUALITY, CEMENT BASED SELF-LEVELING UNDERLAYMENT FOR USE IN INTERIOR SUBSTRATES. THIS RAPID-SETTING FORMULA PRODUCES A FLAT, SMOOTH AND HARD SURFACE FOR THE INSTALLATION OF MOST FINISHED FLOORING. DRYTEK LEVELEX PLUS CAN BE POURED FROM 1/8” TO 1 1/4” (3MM TO 32MM) IN A SINGLE LIFT.

Section 1: Summary

Based on the selected Content Inventory Threshold:

Charactersized..................................................
Are the Percent Weight and Role provided for all substances? Yes  No
Screened........................................................
Are all substances screened using Priority Hazard Lists with results disclosed? Yes  No
Identified......................................................
Are all substances disclosed by Name (Specific or Generic) and Identifier? 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

DRYTEK® LEVELEX™ PLUS | QUARTZ LT-1 | CAN UNDISCLOSED LT-UNK HIGH-ALUMINA CEMENT LT-UNK GYPSUM LT-UNK PORTLAND CEMENT LT-UNK | CAN CALCIUM SULFATE - HEMIHYDRATE LT-UNK UNDISCLOSED LT-UNK LITHIUM CARBONATE LT-1 | DEV UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK LT-1 | CAN | MUL UNDISCLOSED LT-1 | CAN | MUL

INVENTORY AND SCREENING NOTES:

This HPD was created with Basic Inventory.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

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

CERTIFICATIONS AND COMPLIANCE

VOC emissions: UL GreenGuard Gold (DRYTEK LEVELEX Plus)
VOC content: TDS 251 “Low VOC LATICRETE® Products”
LCA: LATICRETE Cement Self-Leveling Underlayment Product Specific (Type III) Environmental Product Declaration

See Section 3 for additional listings.
Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS number</th>
<th>%:</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
<th>HAZARDS:</th>
<th>AGENCY(IES) WITH WARNINGS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRYTEK® LEVELEX™ PLUS</td>
<td></td>
<td>100.0000</td>
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<td>Inventory Threshold:</td>
<td>1000 ppm</td>
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<tr>
<td>Residuals Considered:</td>
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<tr>
<td>Material Notes:</td>
<td>See SDS at <a href="http://www.laticrete.com">www.laticrete.com</a> for occupational exposure information.</td>
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<td></td>
</tr>
<tr>
<td>QUARTZ</td>
<td>14808-60-7</td>
<td>45.0000 - 55.0000</td>
<td>LT-1</td>
<td>None</td>
<td>NO</td>
<td>Aggregate</td>
<td>Cancer</td>
<td>US CDC - Occupational Carcinogens</td>
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<td></td>
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<td></td>
<td></td>
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<td>Occupational Carcinogen</td>
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<td>CA EPA - Prop 65</td>
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<td></td>
<td></td>
<td>Carcinogen - specific to chemical form or exposure route</td>
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<td>IARC</td>
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<td></td>
<td></td>
<td>Group 1: Agent is carcinogenic to humans - inhaled from occupational sources</td>
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<td></td>
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<td>US NIH - Report on Carcinogens</td>
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<td>Known to be Human Carcinogen (respirable size - occupational setting)</td>
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<td>MAK</td>
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<td></td>
<td></td>
<td>Carcinogen Group 1 - Substances that cause cancer in man</td>
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<tr>
<td>SUBSTANCE NOTES:</td>
<td>The amount of this component may vary based on the plant of manufacture.</td>
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<tr>
<td>UNDISCLOSED</td>
<td></td>
<td>20.0000 - 30.0000</td>
<td>LT-UNK</td>
<td>PreC</td>
<td>NO</td>
<td>Binder</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
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<tr>
<td>SUBSTANCE NOTES:</td>
<td>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.</td>
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<tr>
<td>HIGH-ALUMINA CEMENT</td>
<td>65997-16-2</td>
<td>14.0000 - 20.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Binder</td>
<td>None Found</td>
<td></td>
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</table>

DRYTEK® LEVELEX™ Plus Health Product Declaration Page 2 of 8 created via: HPDC Online Builder www.hpd-collaborative.org
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>Role</th>
<th>Hazards</th>
<th>Agency(ies) with Warnings</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gypsum</td>
<td>13397-24-5</td>
<td>7.0000 - 10.0000</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 lists</td>
<td>The amount of this component may vary based on the plant of manufacture.</td>
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<tr>
<td>Portland Cement</td>
<td>65997-15-1</td>
<td>1.0000 - 4.0000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Binder</td>
<td>CANCER</td>
<td>MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification</td>
<td>The amount of this component may vary based on the plant of manufacture.</td>
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<tr>
<td>Calcium Sulfate - Hemihydrate</td>
<td>10034-76-1</td>
<td>0.9000 - 1.2000</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 lists</td>
<td>The amount of this component may vary based on the plant of manufacture.</td>
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<tr>
<td>Undisclosed</td>
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<td>0.8000 - 1.5000</td>
<td>LT-UNK</td>
<td>None</td>
<td>NO</td>
<td>Polymer</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
<td>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.</td>
</tr>
<tr>
<td>Percentage</td>
<td>GS</td>
<td>Role</td>
<td>Agency(ies) With Warnings</td>
<td>Substance Notes</td>
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<tr>
<td>0.1000 - 0.3000</td>
<td>LT-1</td>
<td>Cure Accelerator</td>
<td>Developmental</td>
<td>Developmental toxicity</td>
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<tr>
<td>0.0500 - 0.2000</td>
<td>LT-UNK</td>
<td>Water Reducer</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
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<tr>
<td>0.0500 - 0.1500</td>
<td>LT-UNK</td>
<td>Rheology Modifier</td>
<td>None Found</td>
<td>No warnings found on HPD Priority lists</td>
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</tr>
<tr>
<td>0.0100 - 0.0500</td>
<td>LT-UNK</td>
<td>Cure Accelerator</td>
<td>EYE IRRITATION EU - R-phrases R36 - Irritating to eyes</td>
<td>Substances are undisclosed to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards.</td>
<td></td>
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</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>%: 0.0100 - 0.0500</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Cure Accelerator</th>
</tr>
</thead>
</table>

**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority 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>%: 0.0010 - 0.0100</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Defoamer</th>
</tr>
</thead>
</table>

**HAZARDS:**

None Found

**AGENCY(IES) WITH WARNINGS:**

No warnings found on HPD Priority 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>%: 0.0010 - 0.0100</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Defoamer</th>
</tr>
</thead>
</table>

**HAZARDS:**

CANCER

**AGENCY(IES) WITH WARNINGS:**

- **CANCER**
  - EU - R-phrases
    - R45 - May cause cancer
  - EU - GHS (H-Statements)
    - H350 - May cause cancer
  - EU - REACH Annex XVII CMRs
    - Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
  - MULTIPLE
    - ChemSec - Sin List
      - CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
  - CARCINOGEN
    - EU - Annex VI CMRs
      - Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

**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>%: 0.0010 - 0.0100</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: NO</th>
<th>ROLE: Defoamer</th>
</tr>
</thead>
</table>

**HAZARDS:**

CANCER

**AGENCY(IES) WITH WARNINGS:**

- **CANCER**
  - EU - R-phrases
    - R45 - May cause cancer

**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.
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**
- **CERTIFYING PARTY:** Third Party
- **APPLICABLE FACILITIES:** Applies to All Facilities.
- **CERTIFICATE URL:** https://spot.ulprospector.com/documents/1462432.pdf?bs=31935&b=683975&st=1&sl=43187009&crit=a2V5d29yZDpbTEFUSUNSRVRFXQ%3d%3d&k=LATICRETE
- **CERTIFICATION AND COMPLIANCE NOTES:** Meets LEED v4 Credit "Low Emitting Materials" Emissions and Content Requirements.

**ISSUE DATE:** 2009-07-07  **EXPIRY DATE:** 2017-12-09

**CERTIFIER OR LAB:** UL Environment

**VOC CONTENT**
- **CERTIFYING PARTY:** Self-declared
- **APPLICABLE FACILITIES:** Applies to all facilities.
- **CERTIFICATE URL:** https://www.laticrete.com/~/media/support-and-downloads/technical-datasheets/tds251.ashx?la=en
- **CERTIFICATION AND COMPLIANCE NOTES:** Meets LEED v4 Credit "Low Emitting Materials" Emissions and Content Requirements.

**ISSUE DATE:** 2016-07-07  **EXPIRY DATE:** 0000-00-00

**CERTIFIER OR LAB:** LATICRETE

**LCA**
- **CERTIFYING PARTY:** Third Party
- **APPLICABLE FACILITIES:** Applies to All Facilities in North America.
- **CERTIFICATION AND COMPLIANCE NOTES:** Meets LEED v4 Credit "Building Product Disclosure and Optimization-Environmental Product Declarations" requirements as a Product Specific (Type III) EPD.

**ISSUE DATE:** 2016-11-29  **EXPIRY DATE:** 2021-11-28

**CERTIFIER OR LAB:** UL Environment

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**
- **HPD URL:** No HPD link provided
- **CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:** DRYTEK® LEVELEX™ Plus to be mixed with water only following mix ratio and directions as stated on product data sheet.

Section 5: General Notes

DRYTEK® LEVELEX™ Plus meets the Living Building Challenge requirement that the product does not contain any of the Red Listed Materials or
Chemicals. Specifically, DRYTEK LEVELEX Plus 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
- Polyvinyl Chloride (PVC)
- Polyvinylidene Chloride (PVDC)
- Short Chain Chlorinated Paraffins
- Wood treatments containing Creosote, Arsenic or Pentachlorophenol.

DRYTEK LEVELEX Plus 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-236fa)
- 1,1,2,3,3-pentafluoropropane (HFC-245ca)
- 1,1,2,3,3-pentafluoropropane (HFC-245fa)
- 1,1,2,3,3-pentafluoropropane (HFC-245eb)
- 1,1,3,3,3-pentafluoropropane (HFC-245fa)
- 1,1,2,3,3-hexafluoropropane (HFC-236ea)
- 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)
MANUFACTURER INFORMATION

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

CONTACT NAME: Mitch Hawkins
TITLE: Technical Services Manager
PHONE: 203-393-4619
EMAIL: wmhawkins@laticrete.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
NEU Neurotoxicity
MUL Multiple hazards
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)
UNK 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

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer’s self-declaration (First Party)
Independent Lab Manufacturer’s self-declaration using results from an independent lab
Second Party Verification by trade association or other interested party
Third Party Verification by independent certifier
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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

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

A disclosure completed in compliance with the HPD Open Standard is referred to as a “Health Product Declaration,” or “HPD.” 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 Open Standard noted.