Consolideck LS/CS
by Prosoco, Inc.

CLASSIFICATION: 03 35 00.00 CONCRETE: CONCRETE FINISHING

PRODUCT DESCRIPTION: LS/CS is a penetrating silicate treatment that hardens, densifies and dustproofs concrete flatwork. Unlike conventional hardeners, it does not have to be scrubbed or flushed. LS/CS will not trigger or contribute to surface ASR (alkali silicate reaction) and will dustproof freshly troweled “green” concrete, or existing floors of any age.

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 (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

All substances disclosed by Name (Specific or Generic) and Identifier.

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
--- | --- | --- | --- | ---
CONSOLIDECK LS/CS | WATER | BM-4 | LITHIUM SILICATE | LT-UNK
POTASSIUM SILICONATE | NoGS

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-UNK

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:
This product has been evaluated to 100 ppm threshold. It carries a Declare label and is LBC v3.0/4.0 Red List Free

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0 g/l
Regulatory (g/l): 0 g/l

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: SCS Indoor Advantage Gold
VOC content: SCS Indoor Advantage Gold - Classroom & Office scenario

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?
- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:
SCREENING DATE: 2020-03-10
PUBLISHED DATE: 2020-03-10
EXPIRY DATE: 2023-03-10
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)

**CONSOLIDECK LS/CS**

<table>
<thead>
<tr>
<th>PRODUCT THRESHOLD</th>
<th>RESIDUALS AND IMPURITIES CONSIDERED</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ppm</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**RESIDUALS AND IMPURITIES NOTES:** Residuals and impurities have been screened to a 100 ppm product threshold.

**OTHER PRODUCT NOTES:**
<table>
<thead>
<tr>
<th>Substance</th>
<th>ID</th>
<th>HAZARD SCREENING METHOD: Pharos Chemical and Materials Library</th>
<th>HAZARD SCREENING DATE: 2020-03-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER</td>
<td>7732-18-5</td>
<td>%: 85.00 - 90.00 GS: BM-4 RC: None NANO: Unknown ROLE: None</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>HAZARD TYPE AGENCY AND LIST TITLES WARNINGS</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>None found</td>
<td>No warnings found on HPD Priority Hazard Lists</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SUBSTANCE NOTES:</td>
<td></td>
</tr>
<tr>
<td>LITHIUM SILICATE</td>
<td>12627-14-4</td>
<td>%: 3.00 - 20.00 GS: LT-UNK RC: None NANO: Unknown ROLE: None</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>HAZARD TYPE AGENCY AND LIST TITLES WARNINGS</td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>SUBSTANCE NOTES:</td>
<td></td>
</tr>
<tr>
<td>POTASSIUM SILICONATE</td>
<td>31795-24-1</td>
<td>%: 1.00 - 5.00 GS: NoGS RC: None NANO: Unknown ROLE: None</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>HAZARD TYPE AGENCY AND LIST TITLES WARNINGS</td>
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<td>SUBSTANCE NOTES:</td>
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</table>
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>SCS Indoor Advantage Gold</th>
</tr>
</thead>
<tbody>
<tr>
<td>CERTIFYING PARTY:</td>
<td>Third Party</td>
</tr>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>All (Lawrence, Kansas)</td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="https://prosoco.com/Content/Documents/Product/CFG_SCS_Certificate_2020_C.pdf">https://prosoco.com/Content/Documents/Product/CFG_SCS_Certificate_2020_C.pdf</a></td>
</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2020-01-01</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2020-12-31</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>SCS Global</td>
</tr>
</tbody>
</table>

CERTIFICATION AND COMPLIANCE NOTES: The SCS Indoor Advantage Gold certification is under continuous maintenance. Updated certificates are generated at the beginning of each calendar year in accordance with the relevant SCS program document.

<table>
<thead>
<tr>
<th>VOC CONTENT</th>
<th>SCS Indoor Advantage Gold - Classroom &amp; Office scenario</th>
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</tr>
<tr>
<td>ISSUE DATE:</td>
<td>2008-01-01</td>
</tr>
<tr>
<td>EXPIRY DATE:</td>
<td>2021-01-01</td>
</tr>
<tr>
<td>CERTIFIER OR LAB:</td>
<td>SCS Global</td>
</tr>
</tbody>
</table>

CERTIFICATION AND COMPLIANCE NOTES: The active ingredients in this product are mineral based. VOC content verification is within the scope of the SCS Indoor Advantage Gold certification.

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.

Section 5: General Notes

Product contents and quality control procedures are verified via SCS Global and through the NSF Nonfood listing program.
MANUFACTURER INFORMATION

MANUFACTURER: Prosoco, Inc.
ADDRESS: 3741 Greenway Circle
Lawrence Kansas 66046, USA
WEBSITE: www.prosoco.com

CONTACT NAME: Dwayne Fuhlhage
TITLE: Sustainability and Environment Director
PHONE: 785-830-7300
EMAIL: dwayne.fuhlhage@prosoco.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
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)

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

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.