

HPD UNIQUE IDENTIFIER: 13190658048  
HPD UNIQUE PRODUCT ID: Not provided.  
CLASSIFICATION: 03 35 00 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<br>→ Basic Method | Residuals/Impurities Evaluation<br>→ Completed | For all contents above the threshold, the manufacturer has:                |
| Threshold Disclosed Per<br>→ Product         | Explanation(s) provided :<br>Yes               | Characterized<br>Provided weight and role.<br>Yes                          |
| Threshold Level<br>→ 100 ppm                 |                                                | Screened<br>Provided screening results using HPDC-approved methods.<br>Yes |
|                                              |                                                | Identified<br>Provided name and CAS RN or other identifier.<br>Yes         |

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. | Number of Greenscreen BM-4/BM3 contents ... 1<br>Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None<br>Nanomaterial ... No       |
| PRODUCT   MATERIAL OR SUBSTANCE   RESIDUAL OR IMPURITY<br>GREENSCREEN SCORE   HAZARD TYPE<br>CONSOLIDECK LS/CS [ WATER BM-4 LITHIUM SILICATE LT-UNK<br>POTASSIUM SILICONATE LT-UNK ]                                                                                                                                                            | INVENTORY AND SCREENING NOTES:<br><br>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 colorants available that do not increase the VOC content of the base paint when tinted: N/A

COMPLIANCE See Section 3 for additional listings.  
VOC emissions: SCS Indoor Advantage Gold - Classroom & Office scenario  
VOC content: SCS Indoor Advantage Gold - Classroom & Office scenario  
LCA: Environmental Product Declaration (EPD) by Smart EPD

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.  
Pre-checked for LEED v4 Option 2.  
Pre-checked for LEED v4.1 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 3.0, available on the HPDC website at: [www.hpd-collaborative.org/hpd-3-0-standard](http://www.hpd-collaborative.org/hpd-3-0-standard)

CONSOLIDECK LS/CS

PRODUCT THRESHOLD: 100 ppm      RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

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

OTHER PRODUCT NOTES:

**WATER**

ID: 7732-18-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2026-05-21 10:29:56**

%: **85.0000 - 90.0000**

GreenScreen: **BM-4**

RC: **None**

NANO: **Unknown**

SUBSTANCE ROLE: **Carrier**

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

EXEMPT

European Union / European Commission (EU EC)

EU - REACH Exemptions  
  
Exempted from REACH Annex IV listing due to intrinsic safety

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range to account for variances across the products covered by this HPD.

**LITHIUM SILICATE**

ID: 12627-14-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2026-05-21 10:29:56**

%: **3.0000 - 20.0000**

GreenScreen: **LT-UNK**

RC: **None**

NANO: **Unknown**

SUBSTANCE ROLE: **Coating**

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range to account for variances across the products covered by this HPD.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2026-05-21 10:29:56**

%: **1.0000 - 5.0000**

GreenScreen: **LT-UNK**

RC: **None**

NANO: **Unknown**

SUBSTANCE ROLE: **Coating**

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS                                       |
|-------------|----------------------|------------------------------------------------|
| None found  |                      | No warnings found on HPD Priority Hazard Lists |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---------------------|----------------------|----------------------------------------------|
| None found          |                      | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: The percent by weight of the substance is disclosed as a range to account for variances across the products covered by this HPD.

## Section 3: 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SCS Indoor Advantage Gold - Classroom & Office scenario |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------|
| <b>COMPLIANCE TYPE:</b> Third-party certification<br><b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> SCS Global Services<br><b>COMPLIANCE DETAILS:</b><br><b>COMPLIANCE SCOPE:</b> Product<br><b>APPLICABLE FACILITIES:</b> All (Lawrence, Kansas)<br><b>COMPLIANCE URL:</b><br><a href="https://prosoco.com/Content/Documents/Product/CFG_Coatings_SCS_Certificate.pdf">https://prosoco.com/Content/Documents/Product/CFG_Coatings_SCS_Certificate.pdf</a><br><b>COMPLIANCE NOTES:</b> This product has been third-party emission tested under the Office and Classroom Scenario as a system with other Consolideck products under the oversight of SCS Global. The certificate is renewed annually in accordance with SCS policies. VOC content and verification of lack of specific chemicals listed in the LEEDv4 Low Emitting Materials credit is in the scope of the SCS Indoor Advantage Gold certification for wet-applied products. | <b>ISSUE DATE:</b> 2026-01-01                           | <b>EXPIRY DATE:</b> 2026-12-31 |

| VOC CONTENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SCS Indoor Advantage Gold - Classroom & Office scenario |                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------|
| <b>COMPLIANCE TYPE:</b> Third Party<br><b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> SCS Global<br><b>COMPLIANCE DETAILS:</b><br><b>COMPLIANCE SCOPE:</b> Product<br><b>APPLICABLE FACILITIES:</b> All (Lawrence, Kansas)<br><b>COMPLIANCE URL:</b><br><a href="https://prosoco.com/Content/Documents/Product/CFG_Coatings_SCS_Certificate.pdf">https://prosoco.com/Content/Documents/Product/CFG_Coatings_SCS_Certificate.pdf</a><br><b>COMPLIANCE NOTES:</b> This product has been third-party emission tested under the Office and Classroom Scenario as a system with other Consolideck products under the oversight of SCS Global. The active ingredients in this product are mineral based. VOC content verification is within the scope of the SCS Indoor Advantage Gold certification. | <b>ISSUE DATE:</b> 2026-01-01                           | <b>EXPIRY DATE:</b> 2026-12-31 |

| LCA                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Environmental Product Declaration (EPD) by Smart EPD |                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|--------------------------------|
| <b>COMPLIANCE TYPE:</b> Third-party certification<br><b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> Smart EPD<br><b>COMPLIANCE DETAILS:</b><br><b>COMPLIANCE SCOPE:</b> Product<br><b>APPLICABLE FACILITIES:</b> 3741 Greenway Cir, Lawrence KS, 66046<br><b>COMPLIANCE URL:</b><br><a href="https://prosoco.com/Content/Documents/Product/CD_LSCS_EPD.pdf">https://prosoco.com/Content/Documents/Product/CD_LSCS_EPD.pdf</a><br><b>COMPLIANCE NOTES:</b> | <b>ISSUE DATE:</b> 2025-12-17                        | <b>EXPIRY DATE:</b> 2030-12-17 |

## 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



## MANUFACTURER INFORMATION

MANUFACTURER: **Prosoco, Inc.**  
ADDRESS: **3741 Greenway Circle**  
**Lawrence, Kansas 66046**  
COUNTRY: **USA**

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

|                                       |                                                   |                                                      |
|---------------------------------------|---------------------------------------------------|------------------------------------------------------|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <b>RES</b> Respiratory sensitization                 |
| <b>END</b> Endocrine activity         | <b>NEU</b> Neurotoxicity                          | <b>SKI</b> Skin sensitization/irritation/corrosivity |
| <b>EYE</b> Eye irritation/corrosivity | <b>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |                                                      |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |                                                      |

### GreenScreen (GS)

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |                                                                |

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

### Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

### Other Terms:

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Inventory Methods:

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | Substances listed individually per threshold indicated per product          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | 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 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.*