

Consolideck LS
by Prosoco, Inc.

HPD UNIQUE IDENTIFIER: 573084672
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 03 35 00 Concrete Finishing
PRODUCT DESCRIPTION: Consolideck® LS® is a zero-VOC premium sealer, dust-proofer, hardener and densifier for concrete surfaces. This deeply penetrating lithium silicate treatment reacts with the concrete to produce insoluble calcium silicate hydrate within the concrete pores. Treated surfaces resist damage by water, chemical attack or surface abrasion. LS will not trigger or contribute to surface Alkali Silicate Reaction (ASR). Unlike potassium and sodium silicate based products, Consolideck LS does not require post application rinsing and minimizes jobsite waste management concerns.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
→ Basic Method	→ Completed	
Threshold Disclosed Per	Explanation(s) provided :	Characterized
→ Product	Yes	Provided weight and role.
Threshold Level		Screened
→ 100 ppm		Provided screening results using HPDC-approved methods.
		Identified
		Provided name and CAS RN or other 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.	Number of Greenscreen BM-4/BM3 contents ... 1
PRODUCT MATERIAL OR SUBSTANCE RESIDUAL OR IMPURITY	Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ...
GREENSCREEN SCORE HAZARD TYPE	None
CONSOLIDECK LS WATER BM-4 SILICIC ACID, LITHIUM SALT LT-UNK POTASSIUM METHYLSILANETRIOLATE LT-UNK	Nanomaterial ... No
	INVENTORY AND SCREENING NOTES:
	PROSOCO has disclosed all known constituents in this formula. This product carries a Declare label and is Living Building Challenge v3.0/4.0 Red List Free.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0 g/l	Regulatory (g/l): 0 g/l	COMPLIANCE See Section 3 for additional listings.
Does the product contain exempt VOCs: No		VOC emissions: SCS Indoor Advantage Gold - Classroom & Office scenario
Are colorants available that do not increase the VOC content of the base paint when tinted: N/A		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

CONSOLIDECK LS

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 10:30:00	
?: 85.0000 - 90.0000	GreenScreen: BM-4	RC: None	NANO: No	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.

SILICIC ACID, LITHIUM SALT ID: 12627-14-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-05-21 10:30:00	
?: 3.0000 - 20.0000	GreenScreen: LT-UNK	RC: None	NANO: No	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 10:30:01**

%: **1.0000 - 5.0000**

GreenScreen: **LT-UNK**

RC: **None**

NANO: **No**

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	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global Services COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: All (Lawrence, Kansas) COMPLIANCE URL: https://prosoco.com/Content/Documents/Product/CFG_Coatings_SCS_Certificate.pdf COMPLIANCE NOTES: 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.	ISSUE DATE: 2026-01-01	EXPIRY DATE: 2026-12-31

VOC CONTENT	SCS Indoor Advantage Gold - Classroom & Office scenario	
COMPLIANCE TYPE: Third Party CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SCS Global Services COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: All (Lawrence, Kansas) COMPLIANCE URL: https://prosoco.com/Content/Documents/Product/CFG_Coatings_SCS_Certificate.pdf COMPLIANCE NOTES: 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. VOC content review is within the scope of the SCS Indoor Advantage Gold certification.	ISSUE DATE: 2026-01-01	EXPIRY DATE: 2026-12-31

LCA	Environmental Product Declaration (EPD) by Smart EPD	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Smart EPD COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: 3741 Greenway Cir, Lawrence KS, 66046 COMPLIANCE URL: https://prosoco.com/Content/Documents/Product/CD_LS_EPD.pdf COMPLIANCE NOTES:	ISSUE DATE: 2025-03-14	EXPIRY DATE: 2030-03-14

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

This product carries a Declare label and is Living Building Challenge v3.0/4.0 Red List Free. For additional information, visit <https://declare.living->

MANUFACTURER INFORMATION

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

WEBSITE: **<https://prosoco.com/product/ls/>**
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

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U 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, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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 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.