# **Health Product Declaration v2.3** CLASSIFICATION: 03 30 00 Cast-in-Place Concrete HPD UNIOUE IDENTIFIER: 64169416704

## **Product Description**

harden the surface. SureHard LS is water-based, so it is a very safe material that meets all environmental regulations from the EPA, LADCO, OTC, SCAQMD, and CARB. SureHard LS also neutralizes the alkali in the concrete, thus increasing the bonding and





# Section 1: Summary

# **Nested Method / Product Threshold**

### **CONTENT INVENTORY**

**Inventory Reporting** 

**Format** 

Nested Materials Method

C Basic Method

**Threshold Disclosed Per** 

Material

Product

Threshold Level

C 1,000 ppm C Per GHS SDS

Other

**Residuals/Impurities Evaluation** 

Completed in 2 of 2 Materials

Explanation(s) provided for Residuals/Impurities?

Yes ○ No

For all contents above the threshold, the manufacturer has:

Characterized Yes ○ No.

Provided weight and role.

Screened Yes ○ No

Provided screening results using HPDC-approved

methods.

Identified Yes ○ No

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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR **IMPLIRITY** 

**GREENSCREEN SCORE | HAZARD TYPE** 

WATER [ WATER BM-4 ] ADDITIVE [ SILICIC ACID, LITHIUM SALT LT-UNK

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:** 

This HPD was produced using primary information from the manufacturer, including CAS numbers and SDS when needed. The manufacturer has made every effort to report the substances in this product to the listed threshold. This is a voluntary, self-reported effort. Any errors or omissions shall be considered a human error and therefore reported to the manufacturer. The manufacturer shall not be liable for omissions.

# **VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

Material (g/l): 0 Regulatory (g/l): 100

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

**CERTIFICATIONS AND COMPLIANCE** See Section 3 for additional

VOC emissions: CDPH Standard Method - Not tested VOC content: MAS Certified Green - VOC Content

### **CONSISTENCY WITH OTHER PROGRAMS**

No pre-checks completed or disclosed.

Third Party Verified?

O Yes No

PREPARER: Self-Prepared VERIFIER:

**VERIFICATION #:** 

**SCREENING DATE: 2023-07-13 PUBLISHED DATE: 2023-12-15** 

EXPIRY DATE: 2026-07-13

SureHard LS

# 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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

WATER %: 50.0000 - 65.0000

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

MATERIAL TYPE: Other: Water

RESIDUALS AND IMPURITIES NOTES: Impurities listed above the threshold by Quartz or Pharos databases are noted in this HPD. Residuals and impurities are considered following the HPD Best Practice Guidance, 10.02.17, version 1 "The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD." This includes average data declared in the common product database or peerreviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. Pharos and PubChem (formerly TOXNET) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold.

OTHER MATERIAL NOTES: No residuals or impurities are registered for this substance -Per the Pharos database.

SUBSTANCE NOTES: This substance is identified on US EPA Safer Chemical Ingredient list.

WATER					ID: 7732-18-5
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-07-13 2:10:09			
%: 100.0000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE RO	DLE: Diluent
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warni	ngs found on HPD P	riority 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		

ADDITIVE %: 40.0000 - 50.0000			
	PRODUCT THRESHOLD: 100	RESIDUALS AND IMPURITIES EVALUATION COMPLETED:	MATERIAL TYPE: Other: Inorganic
	ppm	Yes	compound

RESIDUALS AND IMPURITIES NOTES: Impurities listed above the threshold by Quartz or Pharos databases are noted in this HPD. Residuals and impurities are considered following the HPD Best Practice Guidance, 10.02.17, version 1 "The threshold applied to Residuals and Impurities (R/I) is the same as that applied to intentionally added substances, i.e., 100 ppm or 1000 ppm. Residuals and impurities below the declared Inventory Threshold do not need to be reported on the HPD." This includes average data declared in the common product database or peerreviewed scientific articles. For this product, no actual material has been tested. Therefore, residuals and impurities are for informational purposes only and are not a guarantee of presence in the actual building material. Pharos and PubChem (formerly TOXNET) are the main databases for researching potential residuals and impurities. Any R/I above the threshold shall be listed on the HPD; otherwise, if none are listed, then no residuals or impurities are common in that substance above the threshold.

SILICIC ACID, LITHIUM	SALT	ID: 12627-14-4			
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2023-07-13 2:10:09		
%: 100.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Corrosion inhibitor	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No w	arnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATIO	N	
None found			N	lo listings found on Additional Hazard Lists	

SUBSTANCE NOTES: Lithium silicates have many uses across different industries. It's most commonly used for concrete surface treatment, specialty paints and coatings and refractory ceramic and glazes and as a corrosion inhibitor.

# 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**

### **CDPH Standard Method - Not tested**

CERTIFYING PARTY: Self-declared

APPLICABLE FACILITIES: This is not a facility based

declaration.

**CERTIFICATE URL:** 

**VOC CONTENT** 

**CERTIFICATION AND COMPLIANCE NOTES:** 

ISSUE DATE: 2023-07-15

ISSUE DATE: 2023-07-15

**EXPIRY DATE:** 

**EXPIRY DATE:** 

CERTIFIER OR LAB: None

MAS Certified Green - VOC Content

CERTIFYING PARTY: Self-declared

Section 4: Accessories

APPLICABLE FACILITIES: This is not a facility based.

**CERTIFICATE URL:** 

CERTIFICATION AND COMPLIANCE NOTES: VOC content = 0 grams/liter

CERTIFIER OR LAB: Kaufman

**Products** 

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

### Application:

SureHard LS is recommended for use on concrete surfaces - both inside and out. Typical recommended areas include industrial plants, warehouses, malls, food processing plants, breweries, textile mills, freezers, parking decks, etc. SureHard LS lasts longer than many coatings, and is ideal for use in conjunction with diamond polishing.

### Compliances:

VOC Content Regulations from LADCO, OTC, & the EPA.

Packaging:

1-Gallon Jug

5-Gallon Pails

55-Gallon Drums

275-Gallon Tote

Specifications:

Color: Clear

Specific Gravity: 1.1

pH: 11

VOC Content: 0 g/l

Flash Point None

Yellowing: None

Freeze Point: 32oF

Dry Time: 1-2 hours

### MANUFACTURER INFORMATION

MANUFACTURER: Kaufman Products, Inc.

ADDRESS: 3811 Curtis Avenue
Baltimore, Maryland 21226
COUNTRY: United States

WEBSITE: www.kaufmanproducts.net CONTACT NAME: Alex Kaufman

TITLE: President PHONE: 4103548600

EMAIL: akaufman@kaufmanproducts.net

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

**CAN** Cancer

DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple
NEU Neurotoxicity

NF Not found on Priority Hazard Lists

**OZO** Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

**REP** Reproductive

**RES** Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

**UNK** Unknown

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 (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

LT-1 List Translator 1 (Likely Benchmark-1)
LT-UNK List Translator Benchmark Unknown

NoGS No GreenScreen.

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 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