## LATICRETE® SUPERCAP® SC500 Concentrate by LATICRETE International

# Health Product Declaration v2.2

created via: HPDC Online Builder

#### HPD UNIQUE IDENTIFIER: 22050

CLASSIFICATION: 03 54 00 Cast Underlayment

PRODUCT DESCRIPTION: A pumpable and pourable, low alkali cement-based, premium self-leveling underlayment used to finish interior concrete and level uneven floor surfaces. Apply it over concrete, exterior glue plywood and other types of sound flooring before installing wood, resilient, cork, sports flooring, ceramic, stone, carpet or other flooring systems. LATICRETE® SUPERCAP® SC500 Concentrate must be mixed with quartz sand (CAS# 14808-50-7) purchased separately and added during the mixing and application process to make LATICRETE SUPERCAP SC500 Sanded or LATICRETE SUPERCAP SC500 Plus; or, mixed with PORAVER expanded glass granulates (CAS# 65997-17-3) purchased separately and added during the mixing and application to make LATICRETE SUPERCAP SC500 LW.

## Section 1: Summary

#### CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials MethodBasic Method
- Threshold Disclosed Per

C Material

Product

Threshold level 100 ppm 1,000 ppm Per GHS SDS Other

#### **Residuals/Impurities**

Considered
 Partially Considered
 Not Considered

Explanation(s) provided for Residuals/Impurities?

### **Basic Method / Product Threshold**

All Substances Above the Threshold Indicated Are:

Characterized	○ Yes Ex/SC ⊙ Yes ○ No
% weight and role provided for all substa	ances.

Screened O Yes Ex/SC O Yes O No All substances screened using Priority Hazard Lists with results disclosed.

Identified

C Yes Ex/SC C Yes 💿 No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

#### 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

LATICRETE SUPERCAP SC500 CONCENTRATE [ UNDISCLOSED LT-UNK HIGH-ALUMINA CEMENT LT-UNK GYPSUM LT-UNK PORTLAND CEMENT LT-P1 | END | CAN QUARTZ LT-1 | CAN UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK CALCIUM CARBONATE BM-3 UNDISCLOSED LT-UNK UNDISCLOSED LT-P1 | END UNDISCLOSED LT-1 | CAN | MUL UNDISCLOSED LT-1 | CAN | MUL UNDISCLOSED LT-UNK | EYE LIMESTONE; CALCIUM CARBONATE LT-UNK ]

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

Material (g/l): 0.00 Regulatory (g/l): N/A Does the product contain exempt VOCs: No Are ultra-low VOC tints available: N/A Number of Greenscreen BM-4/BM3 contents ... 1 Contents highest concern GreenScreen

Benchmark or List translator Score ... LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This HPD was created with Basic Inventory. Materials listed as Undisclosed in Section 2 is done to preserve integrity of formula and maintain competitive advantage. The component CAS# was used to identify associated hazards of these components.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: UL GreenGuard Gold (SC500) VOC content: TDS 251 "Low VOC LATICRETE® Products" LCA: LATICRETE Cement Self-Leveling Underlayment Product Specific (Type III) Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified? O Yes O No PREPARER: Self-Prepared VERIFIER: VERIFICATION #:

SCREENING DATE: 2020-10-01 PUBLISHED DATE: 2020-10-01 EXPIRY DATE: 2023-10-01

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

#### LATICRETE SUPERCAP SC500 CONCENTRATE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities are measured by quantitative methods and are only displayed when they are potentially greater than 100 ppm.

OTHER PRODUCT NOTES: See SDS at laticretesupercap.com for occupational exposure information. The percentages below are based on the concentrate only and would have to be adjusted based on the volume of sand or lightweight material provided separately by the contractor based on volume.

HAZARD SCREENING METHOD: Pharos C	chemical and Materials Library	HAZARD SCREENING DATE: 20	20-10-01	
%: 50.0000 - 60.0000	GS: LT-UNK	RC: None NAI	NO: NO SUBSTANCE ROLE: Binder	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings found on HPD I	Priority Hazard Lists
	this component may vary based on the pla nponent CAS# was used to identify associ		as undisclosed to preserve integrity of form	nula and maintain
HIGH-ALUMINA CEMENT				ID: 65997-16-2
HAZARD SCREENING METHOD: Pharos C	chemical and Materials Library	HAZARD SCREENING DATE: 20	20-10-01	
%: 17.0000 - 20.0000	GS: LT-UNK	RC: None NA	NO: NO SUBSTANCE ROLE: Binder	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings found on HPD I	Priority Hazard Lists
SUBSTANCE NOTES: The amount of t	this component may vary based on plant o	f manufacture.		ID: <b>13397-24-5</b>
HAZARD SCREENING METHOD: Pharos C	hemical and Materials Library	HAZARD SCREENING DATE: 20	20-10-01	
%: 14.0000 - 18.0000	GS: LT-UNK	RC: None NA	NO: NO SUBSTANCE ROLE: Binder	
HAZARD TYPE				
None found	AGENCY AND LIST TITLES	WARNINGS		
	AGENCY AND LIST TITLES	WARNINGS	No warnings found on HPD I	Priority Hazard Lists
SUBSTANCE NOTES: The amount of t	AGENCY AND LIST TITLES		No warnings found on HPD	Priority Hazard Lists
SUBSTANCE NOTES: The amount of t			No warnings found on HPD	Priority Hazard Lists
SUBSTANCE NOTES: The amount of t			No warnings found on HPD	Priority Hazard Lists
	this component may vary based on plant o			
PORTLAND CEMENT	this component may vary based on plant o	f manufacture. HAZARD SCREENING DATE: <b>2020</b>		
PORTLAND CEMENT HAZARD SCREENING METHOD: Pharos C	this component may vary based on plant o Chemical and Materials Library	f manufacture. HAZARD SCREENING DATE: <b>2020</b>	)-10-01	
PORTLAND CEMENT HAZARD SCREENING METHOD: Pharos C	this component may vary based on plant o Chemical and Materials Library	f manufacture. HAZARD SCREENING DATE: <b>2020</b>	)-10-01	

HAZARD TYPE

CANCER

AGENCY AND LIST TITLES
TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

WARNINGS

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

ID: 14808-60-7

SUBSTANCE NOTES: The amount of this component may vary based on plant of manufacture.

MAK

#### QUARTZ

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-10-01 %: 3.0000 - 5.0000 GS: LT-1 RC: None NANO: NO SUBSTANCE ROLE: Filler HAZARD TYPE AGENCY AND LIST TITLES WARNINGS CANCER IARC Group 1 - Agent is Carcinogenic to humans CANCER US CDC - Occupational Carcinogens Occupational Carcinogen CANCER CA EPA - Prop 65 Carcinogen - specific to chemical form or exposure route CANCER IARC Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources US NIH - Report on Carcinogens CANCER Known to be Human Carcinogen (respirable size - occupational setting) CANCER MAK Carcinogen Group 1 - Substances that cause cancer in man GHS - New Zealand CANCER 6.7A - Known or presumed human carcinogens CANCER GHS - Japan Carcinogenicity - Category 1A [H350] CANCER GHS - Australia H350i - May cause cancer by inhalation

SUBSTANCE NOTES: The amount of this component may vary based on the plant of manufacture.

#### UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-10-01		
%: 1.0000 - 3.0000	GS: LT-UNK	RC: None	NANO: <b>NO</b>	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	v	VARNINGS	
None found				No warnings found on HPD Priority Hazard 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.

UNDISCLOSED				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING	DATE: 2020-10-01	
%: 0.1000 - 0.5000	GS: LT-UNK	RC: None	NANO: <b>NO</b>	SUBSTANCE ROLE: Defoamer
HAZARD TYPE	AGENCY AND LIST TITLES	WARM	VINGS	
None found				No warnings found on HPD Priority Hazard 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.				
UNDISCLOSED				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING I	DATE: 2020-10-01	
%: 0.1000 - 0.2000	GS: LT-UNK	RC: None	NANO: <b>NO</b>	SUBSTANCE ROLE: Plasticizer

None found				No warnings found on HPD Priority Hazard Lists
	s component may vary based on the plant of onent CAS# was used to identify associated		oduct is shown as	undisclosed to preserve integrity of formula and maintain
UNDISCLOSED				
HAZARD SCREENING METHOD: Pharos Che	emical and Materials Library	HAZARD SC	REENING DATE: 2020	·10-01
%: 0.1000 - 0.2000	GS: LT-UNK	RC: None	NANO: <b>N</b>	o SUBSTANCE ROLE: Accelerator
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found				No warnings found on HPD Priority Hazard Lists
	s component may vary based on the plant of onent CAS# was used to identify associated		oduct is shown as	undisclosed to preserve integrity of formula and maintain
CALCIUM CARBONATE				ID: <b>471-34</b> -
HAZARD SCREENING METHOD: Pharos Che	emical and Materials Library	HAZARD SCREENING DA	TE: 2020-10-01	
%: Impurity/Residual	GS: <b>BM-3</b>	RC: None	NANO: <b>NO</b>	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found				No warnings found on HPD Priority Hazard Lists
UNDISCLOSED				
HAZARD SCREENING METHOD: Pharos Che	emical and Materials Library	HAZARD SC	REENING DATE: 2020	·10-01
%: 0.1000 - 0.3000	GS: LT-UNK	RC: None	NANO: <b>N</b>	o SUBSTANCE ROLE: Accelerator
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	No warnings found on HPD Priority Hazard Lists
	s component may vary based on the plant of onent CAS# was used to identify associated		oduct is shown as	undisclosed to preserve integrity of formula and maintain
UNDISCLOSED				
HAZARD SCREENING METHOD: Pharos Che	emical and Materials Library	HAZARD SCREENIN	G DATE: 2020-10-01	
%: 0.0500 - 0.1500	GS: <b>LT-P1</b>	RC: None	NANO: <b>NO</b>	SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
ENDOCRINE	TEDX - Potential Endocrine Disruptor	s	Potential Endo	crine Disruptor
	s component may vary based on the plant of onent CAS# was used to identify associated		oduct is shown as	undisclosed to preserve integrity of formula and maintain
UNDISCLOSED				
HAZARD SCREENING METHOD: Pharos Che	emical and Materials Library	HAZARD SCREEN	ING DATE: 2020-10-0	)1
%: 0.0500 - 0.1000	GS: <b>LT-1</b>	RC: None	NANO: <b>NO</b>	SUBSTANCE ROLE: Defoamer

WARNINGS

HAZARD TYPE

AGENCY AND LIST TITLES

AGENCY AND LIST TITLES	WARNINGS
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
ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GHS - Australia	H350 - May cause cancer
	EU - GHS (H-Statements) EU - REACH Annex XVII CMRs ChemSec - SIN List EU - Annex VI CMRs

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.

#### UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING		g date: 2020-10-01		
%: 0.0500 - 0.1000	GS: <b>LT-1</b>	GS: LT-1 RC: None		SUBSTANCE ROLE: Defoamer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer		Incer
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	
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal		1B - Presumed Carcinogen based on animal evidence
CANCER	GHS - Australia		H350 - May cause ca	ncer

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.

#### UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical	and Materials Library	HAZARD SCREENIN	NG DATE: 2020-10-01	
%: 0.0500 - 0.1000	GS: LT-UNK	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Accelerator
HAZARD TYPE	AGENCY AND LIST TITLES	1	WARNINGS	
EYE IRRITATION	EU - GHS (H-Statements)	I	H319 - Causes serious	eye irritation

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.

LIMESTONE; CALCIUM CARBO	NATE			ID: <b>1317-65-3</b>
HAZARD SCREENING METHOD: Pharos	Chemical and Materials Library	HAZARD SCREENING	g date: 2020-10-0	и
%: Impurity/Residual	GS: LT-UNK	RC: None	NANO: <b>NO</b>	SUBSTANCE ROLE: Impurity/Residual
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found				No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance is an impurity or residual. This impurity/residual may or may not be present based on the source of the raw material and/or be less than 100ppm.

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	UL GreenGuard Gold (SC	C500)		
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Applies to All Facilities. CERTIFICATE URL: http://certificates.ulenvironment.com/default.aspx? id=28874&t=cs	ISSUE DATE: 2009-07-07	EXPIRY DATE: 2021-07-09	CERTIFIER OR LAB: UL Environment	
CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4.1 Credit "Lacordance with California Department of Public Health (Cl	-		This product was tested in	
VOC CONTENT	TDS 251 "Low VOC LATICRETE® Products"			
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	ISSUE DATE: 2020-08-12	EXPIRY DATE:	CERTIFIER OR LAB: LATICRETE	
CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4.1 Credit "LAdhesive).	ow Emitting Materials" V	OC Content Requirement	s per SCAQMD Rule 1168 (Tile	
LCA	LATICRETE Cement Self Product Declaration	f-Leveling Underlayment P	roduct Specific (Type III) Environmental	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Applies to All Facilities in North America. CERTIFICATE URL: https://laticrete.com/~/media/environmental- product-data-sheets/cement-self-leveling- underlayment.ashx?la=en	ISSUE DATE: 2016-11-29	EXPIRY DATE: 2021-11-28	CERTIFIER OR LAB: UL Environment	
CERTIFICATION AND COMPLIANCE NOTES: Meets LEED v4.1 Credit "E requirements as a Product Specific (Type III) EPD.	Building Product Disclosu	ire and Optimization-Envir	ronmental Product Declarations"	
Section 4: Accessories				
This section lists related products or materials that the manufacturer i operations. For information relating to the contents of these related p				
WATER AND SAND OR LIGHTWEIGHT FILLER	HPD URL: NO	o HPD available		
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: LATICRETE SUPERCAP SC500 (Concentrate) to be mixed with sheet, and as required for jobsite conditions.	water and sand or lightweig	ght filler following mix ratio	and directions as stated in product data	
Section 5: General Notes				
LATICRETE® SUPERCAP® SC500 (Concentrate) meets the Red Listed Materials or Chemicals. Specifically, LATICRETE (marketed with a health claim) •Alkylphenols and related cor Solvents •Chlorinated Polymers, including Chlorinated polye Chlorosulfonated polyethylene (CSPE), Polyvinylidiene chlor	SUPERCAP SC500 (Con npounds •Asbestos •Bis ethylene (CPE), Chlorinate ide (PVDC), and Polyviny	centrate) does not contair phenol A (BPA) and struct ed Polyvinyl Chloride (CPV I Chloride (PVC) •Chlorob	n the following: Antimicrobials tural analogues •California Banned /C), Chloroprene (neoprene monomer), enzenes •Chlorofluorocarbons (CFCs)	

& Hydrochlorofluorocarbons (HCFCs) •Formaldehyde (added) •Monomeric, polymeric and organo-phosphate halogenated flame retardants (HFRs) •Organotin Compounds •Perfluorinated Compounds (PFCs) •Phthalates (orthophthalates) •Polychlorinated Biphenyls (PCBs) •Polycyclic Aromatic Hydrocarbons (PAH) •Short-Chain and Medium-Chain Chlorinated Paraffins •Toxic Heavy Metals - Arsenic, Cadmium, Chromium, Lead (added), and Mercury •Wood treatments containing Creosote, Arsenic or Pentachlorophenol. See Section 1 for Volatile Organic Compounds (VOC) (wet applied products) information.

#### MANUFACTURER INFORMATION

MANUFACTURER: LATICRETE International ADDRESS: 1 Laticrete Park North Bethany CT 06524, USA WEBSITE: https://laticretesupercap.com

#### CONTACT NAME: Mitch Hawkins TITLE: Senior Manager, Technical Services PHONE: 203-393-4619 EMAIL: wmhawkins@laticrete.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 CAN Cancer DEV Developmental toxicity END Endocrine activity EYE Eye irritation/corrosivity GEN Gene mutation GLO Global warming

#### 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)

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

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

LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.) NoGS No GreenScreen.

#### **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 HPD and for compliance with the HPD standard noted.