CEG-Lite™ 100% Solids Commercial Epoxy Grout by Custom Building Products

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 04 05 16.16 Chemical-Resistant Masonry Grouting

PRODUCT DESCRIPTION: CEG-Lite™ 100% Solids Commercial Epoxy Grout provides chemical and stain resistance with a fast cure time for a quick return to service. Its lightweight formula makes it easier to spread than typical epoxy grouts and is water-cleanable. CEG-Lite exceeds ANSI A118.3 performance requirements, is suitable for use on vertical joints without an additive, and can also be used as a mortar. Its two-component formula combines a Part A pigmented hardener with a Part B consisting of resins and lightweight aggregates. CEG-Lite is compatible with both CEG-Lite Part A and CEG Part A epoxy grout color pigment and hardener products. Formula is patent-pending.

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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 100 ppm

Per GHS SDS

1,000 ppm

Per OSHA MSDS

C Other

Residuals/Impurities

Residuals/Impurities Considered in 2 of 2 Materials

Explanation(s) provided for Residuals/Impurities? Yes ○ No.

All Substances Above the Threshold Indicated Are:

 ○ Yes Ex/SC Yes No Characterized

% weight and role provided for all substances.

O Yes Ex/SC O Yes O No Screened

All substances screened using Priority Hazard Lists with results disclosed.

Identified ○ Yes Ex/SC ○ 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

CEG-LITE™ 100% SOLIDS COMMERCIAL EPOXY GROUT PART B [QUARTZ LT-1 | CAN BISPHENOL A DIGLYCIDYL ETHER (BADGE) LT-P1 | END SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) LT-UNK ALKYL (C12, C14) GLYCIDYL ETHER LT-P1 | SKI | MUL LIMESTONE; CALCIUM CARBONATE LT-UNK] CEG-LITE™ 100% SOLIDS COMMERCIAL EPOXY GROUT PART A [DIETHYLENETRIAMINE LT-P1 | SKI | REP TITANIUM DIOXIDE LT-1 | CAN | END ISOPHORONE DIAMINE LT-P1 | SKI | MUL *UNDISCLOSED* BM-1 | END | DEL | REP | MUL | EYE | SKI BENZYL ALCOHOL BM-2 QUARTZ LT-1 | CAN TETRAETHYLENEPENTAMINE LT-P1 | AQU | SKI | MUL FUMED SILICA, CRYSTALLINE-FREE BM-1 | CAN IRON OXIDE BM-1 | CAN FERRIC OXIDE BM-1 | CAN IRON HYDROXIDE OXIDE YELLOW LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Manufacturer has opted for Basic Inventory Format; Substances are listed by weight in the entire product instead of by Material. All raw materials have been evaluated down to 0.01% of formula. Any CAS# or substance names are withheld due to CBI.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 50 Regulatory (g/l): 50 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: UL/GreenGuard Gold Certified **VOC content: VOC Content**

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified? PREPARER: Self-Prepared **SCREENING DATE: 2020-04-24** C Yes No

VERIFIER: PUBLISHED DATE: 2020-04-24 EXPIRY DATE: 2023-04-24 VERIFICATION #:



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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

CEG-LITE™ 100% SOLIDS COMMERCIAL EPOXY GROUT PART B

%: 87.33 - 87.33

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered and disclosed from available information. Outside chemical analysis has not been performed.

OTHER MATERIAL NOTES: Uses a set mix ratio.

1 Part A= 1 2-Gal Part B 2 Part A= 1 3.5-Gal Part B

QUARTZ ID: 14808-60-7

HAZARD SCREENING METHOD: F	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-04-24
%: 57.00 - 67.00	GS: LT-1	RC: None NANO: No ROLE: Aggregate
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	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	GHS - New Zealand	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: Ranges given due to batch to batch variability.

BISPHENOL A DIGLYCIDYL ETHER (BADGE)

ID: 25085-99-8

HAZARD SCREENING METHOD: P	haros Chemical and Materials Library	HAZARD SCREEN	NING DATE: 2020-	04-24
%: 16.00 - 26.00	GS: LT-P1	RC: None	nano: No	ROLE: Epoxy Resin
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
ENDOCRINE	EU - Priority Endocrine Disruptors	0,	2 - In vitro evidend ne Disruption	ce of biological activity related

 $\hbox{\tt SUBSTANCE\ NOTES:}\ \textbf{Ranges\ given\ due\ to\ batch\ to\ batch\ variability.}$

ID: 65997-17-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREEN	ING DATE: 2020-04	4-24
%: 5.00 - 15.00	GS: LT-UNK	RC: PostC	nano: No	ROLE: Aggregate
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		N	lo warnings found	on HPD Priority Hazard Lists
SUBSTANCE NOTES: Range	s given due to batch to batch variability.			

ALKYL (C12, C14) GLYCIDYL ETHER

ID: 68609-97-2

HAZARD SCREENING METHOD: P	haros Chemical and Materials Library	HAZARD SCREEN	ING DATE: 2020-04-	-24
%: 2.00 - 7.00	gs: LT-P1	RC: None	nano: No	ROLE: Resin
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes s	kin irritation	
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard	to Waters	
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May caus	se an allergic skin re	eaction

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

LIMESTONE; CALCIUM CARBONATE

ID: **1317-65-3**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREEN	ING DATE: 2020-04	-24
%: 0.50 - 1.50	GS: LT-UNK	RC: None	nano: No	ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No wa	rnings found on HF	PD Priority Hazard Lists
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%: 12.67 - 12.67

PRODUCT THRESHOLD: 1000 ppm

residuals and impurities considered: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered and disclosed from available information. Outside chemical analysis has not been performed.

OTHER MATERIAL NOTES: Uses a set mix ratio.

1 Part A= 1 2-Gal Part B 2 Part A= 1 3.5-Gal Part B

HAZARD SCREENING METHOD: PI	naros Chemical and Materials Library	HAZARD SCREE	ENING DATE: 2020	-04-24
%: 10.00 - 20.00	GS: LT-P1	RC: None	NANO: No	ROLE: Amine Hardener
HAZARD TYPE	AGENCY AND LIST TITLES	WARNING	s	
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - 0	Causes severe s	kin burns and eye damage
SKIN SENSITIZE	MAK	Sensitiz	zing Substance S	h - Danger of skin sensitization
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - I	May cause an all	ergic skin reaction
REPRODUCTIVE	GHS - Japan	Toxic to	reproduction - (Category 1B [H360]

TITANIUM DIOXIDE ID: 13463-67-7

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-04-24
%: 10.00 - 30.00	gs: LT-1	RC: None NANO: No ROLE: White Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

ISOPHORONE DIAMINE ID: 2855-13-2

HAZARD SCREENING METHOD: P	haros Chemical and Materials Library	HAZARD SCREE	NING DATE: 2020	-04-24
%: 7.00 - 15.00	GS: LT-P1	RC: None	nano: No	ROLE: Amine Hardener
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	3	
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage		kin burns and eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2	- Hazard to Wate	ers
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensiti		h - Danger of skin sensitization
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - N	May cause an alle	ergic skin reaction

 $\hbox{\scriptsize {\tt SUBSTANCE\ NOTES:}}\ \textbf{Ranges\ given\ due\ to\ batch\ to\ batch\ variability.}$

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-04-24		
%: Impurity/Residual	GS: BM-1	RC: None	nano: No	ROLE: Impurity/Residual

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	OSPAR - Priority PBTs & EDs & equivalent concern	Endocrine Disruptor - Substance of Possible Concern
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs	Some Evidence of Adverse Effects - Reproductive Toxicity
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - Action Plan in development
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage
REPRODUCTIVE	EU - GHS (H-Statements)	H360F - May damage fertility
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance SP - Danger of photocontact sensitization
ENDOCRINE	EU - Priority Endocrine Disruptors	Category 1 - In vivo evidence of Endocrine Disruption Activity
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Female
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

BENZYL ALCOHOL

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-04-24

%: 3.00 - 9.00 GS: BM-2 RC: None NANO: No ROLE: Viscosity Modifier

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

 $\hbox{\scriptsize {\tt SUBSTANCE\ NOTES:}}\ \textbf{Ranges\ given\ due\ to\ batch\ to\ batch\ variability.}$

QUARTZ ID: 14808-60-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-04-24		
%: 1.75 - 2.50	GS: LT-1	RC: None NANO: No ROLE: Aggregate		
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	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)		
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man		
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources		
CANCER	GHS - New Zealand	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: Ranges given due to batch to batch variability.

TETRAETHYLENEPENTAMINE ID: 112-57-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-04-24		
6: 1.00 - 2.00	gs: LT-P1	RC: None	nano: No	ROLE: Amine Hardener
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects		
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - N	/lav cause an alle	ergic skin reaction

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-04-24	
%: 0.75 - 1.25	GS: BM-1	RC: None NANO: No ROLE: Rheology Modifier	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]	
CANCER	GHS - Australia	H350i - May cause cancer by inhalation	

 $\hbox{\scriptsize {\tt SUBSTANCE\ NOTES:}}\ \textbf{Ranges\ given\ due\ to\ batch\ to\ batch\ variability.}$

IRON OXIDE ID: 1317-61-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-04-24		
%: 0.00 - 10.00	GS: BM-1	RC: None	nano: No	ROLE: Black Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

FERRIC OXIDE ID: 1309-37-1

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREEN	NING DATE: 2020-	04-24
%: 0.00 - 10.00	GS: BM-1	RC: None	nano: No	ROLE: Red Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	MAK	•	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification	

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

IRON HYDROXIDE OXIDE YELLOW

ID: 20344-49-4

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREEN	NING DATE: 2020	-04-24
%: 0.00 - 10.00	GS: LT-UNK	RC: None	nano: No	ROLE: Yellow Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found			No warnings f	found on HPD Priority Hazard Lists



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	UL/GreenGuard Gold Certified			
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: ALL CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2019- 06-25	EXPIRY DATE:	CERTIFIER OR LAB: UL Environment	
VOC CONTENT	VOC Content			
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: ALL CERTIFICATE URL:	ISSUE DATE: 2020- 04-24	EXPIRY DATE:	CERTIFIER OR LAB: SELF- DECLARED	



Section 4: Accessories

CERTIFICATION AND COMPLIANCE NOTES:

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: Custom Building Products

ADDRESS: 10400 Pioneer Blvd Unit #3

Santa Fe Springs California 90670, United States

EMAIL: technicalservicedepartment@cbpmail.net

http://www.custombuildingproducts.com/products/grout-

materials/epoxy-grout/ceg-lite.aspx

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

PBT Persistent Bioaccumulative Toxic

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 (insuficient 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

LT-P1 List Translator Possible Benchmark 1 LT-1 List Translator Likely Benchmark 1

CONTACT NAME: Tim Kennedy

TITLE: Compliance Steward

PHONE: 8002728786

LT-UNK List Translator Benchmark Unknown (insufficient

information from List Translator lists to benchmark) NoGS Unknown (no data on List Translator Lists)

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