

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

# Health Product Declaration v2.1

CLASSIFICATION: 04 05 16.16 Chemical-Resistant Masonry Grouting

created via: HPDC Online Builder

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.

## Section 1: Summary

## Nested Method / Material Threshold

### CONTENT INVENTORY

#### Inventory Reporting Format

- Nested Materials Method  
 Basic Method

#### Threshold Disclosed Per

- Material  
 Product

#### Threshold level

- 100 ppm  
 1,000 ppm  
 Per GHS SDS  
 Per OSHA MSDS  
 Other

#### Residuals/Impurities

Residuals/Impurities Considered in 0 of 2 Materials

#### Explanation(s) provided for Residuals/Impurities?

- Yes  No

Are All Substances Above the Threshold Indicated:

**Characterized**  
Percent Weight and Role Provided?  Yes  No

**Screened**  
Using Priority Hazard Lists with Results Disclosed?  Yes  No

**Identified**  
Name and Identifier Provided?  Yes  No

### 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..... 0  
Contents highest concern GreenScreen  
Benchmark or List translator Score..... BM-1  
Nanomaterial..... No

**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 | CAN ALKYL (C12, C14) GLYCIDYL ETHER LT-P1 | SKI | MUL LIMESTONE; CALCIUM CARBONATE LT-UNK ] CEG-LITE™ 100% SOLIDS COMMERCIAL EPOXY GROUT PART A [ DIETHYLENTRIAMINE LT-P1 | MAM | SKI TITANIUM DIOXIDE LT-1 | CAN ISOPHORONE DIAMINE LT-P1 | MAM | SKI | AQU | MUL UNDISCLOSED BM-1 | EYE | SKI | AQU | REP | END | DEL | MUL BENZYL ALCOHOL LT-UNK | MAM QUARTZ LT-1 | CAN TETRAETHYLENEMPENTAMINE LT-P1 | MAM | SKI | AQU | MUL FUMED SILICA, CRYSTALLINE-FREE LT-UNK | IRON OXIDE LT-UNK | CAN FERRIC OXIDE BM-2 | CAN IRON HYDROXIDE OXIDE YELLOW LT-UNK ]

### INVENTORY AND SCREENING NOTES:

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

### CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

No certifications have been added to this HPD.

### CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

- Yes  
 No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2016-11-17  
PUBLISHED DATE: 2017-11-14  
EXPIRY DATE: 2019-11-17

## 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, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

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

#: 87.3300 - 87.3300

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES: Set Mix Ratio

#### QUARTZ

ID: 14808-60-7

#: 57.0000 - 67.0000

GS: LT-1

RC: None

NANO: No

ROLE: Aggregate

HAZARDS:

AGENCY(IES) WITH 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

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

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

#### BISPHENOL A DIGLYCIDYL ETHER (BADGE)

ID: 25085-99-8

#: 16.0000 - 26.0000

GS: LT-P1

RC: None

NANO: No

ROLE: Epoxy Resin

HAZARDS:

AGENCY(IES) WITH WARNINGS:

ENDOCRINE

EU - Priority Endocrine Disrupters

Category 2 - In vitro evidence of biological activity related to Endocrine Disruption

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

#### SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)

ID: 65997-17-3

#: 5.0000 - 15.0000

GS: LT-UNK

RC: PostC

NANO: No

ROLE: Aggregate

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer

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

**ALKYL (C12, C14) GLYCIDYL ETHER**

ID: 68609-97-2

#: 2.0000 - 7.0000      GS: LT-P1      RC: None      NANO: No      ROLE: Resin

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

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

**LIMESTONE; CALCIUM CARBONATE**

ID: 1317-65-3

#: 0.5000 - 1.5000      GS: LT-UNK      RC: None      NANO: No      ROLE: Filler

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

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

**CEG-LITE™ 100% SOLIDS COMMERCIAL EPOXY GROUT PART A**

#: 12.6700 - 12.6700

HPD URL:

MATERIAL THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: No

RESIDUALS AND IMPURITIES NOTES:

OTHER MATERIAL NOTES: Set Mix Ratio

**DIETHYLENETRIAMINE**

ID: 111-40-0

#: 10.0000 - 20.0000      GS: LT-P1      RC: None      NANO: No      ROLE: Amine Hardener

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
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MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

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

## TITANIUM DIOXIDE

ID: 13463-67-7

#: **10.0000 - 30.0000**      GS: **LT-1**      RC: **None**      NANO: **No**      ROLE: **White Pigment**

HAZARDS:	AGENCY(IES) WITH 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

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

## ISOPHORONE DIAMINE

ID: 2855-13-2

#: **7.0000 - 15.0000**      GS: **LT-P1**      RC: **None**      NANO: **No**      ROLE: **Amine Hardener**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ACUTE AQUATIC	EU - R-phrases	R52 - Harmful to Aquatic Organisms
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

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

## UNDISCLOSED

#: <b>Impurity/Residual</b>	GS: <b>BM-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Impurity/Residual</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
EYE IRRITATION	EU - R-phrases			R41 - Risk of serious damage to eyes
SKIN SENSITIZE	EU - R-phrases			R43 - May cause sensitization by skin contact
ACUTE AQUATIC	EU - R-phrases			R52 - Harmful to Aquatic Organisms
REPRODUCTIVE	EU - R-phrases			R62 - Possible risk of impaired fertility
ENDOCRINE	EU - Priority Endocrine Disrupters			Category 1 - In vivo evidence of Endocrine Disruption Activity
REPRODUCTIVE	CA EPA - Prop 65			Developmental Toxicity - Female
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
SKIN IRRITATION	EU - GHS (H-Statements)			H317 - May cause an allergic skin reaction
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

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

## BENZYL ALCOHOL

ID: **100-51-6**

#: <b>3.0000 - 9.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Viscosity Modifier</b>
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
MAMMALIAN	EU - R-phrases			R20 - Harmful by Inhalation (gas or vapor or dust/mist)

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

**QUARTZ**ID: **14808-60-7**

#: <b>1.7500 - 2.5000</b>	GS: <b>LT-1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Aggregate</b>
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HAZARDS:	AGENCY(IES) WITH 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
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

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

**TETRAETHYLENEPENTAMINE**ID: **112-57-2**

#: <b>1.0000 - 2.0000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Amine Hardener</b>
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HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ACUTE AQUATIC	EU - R-phrases	R51 - Toxic to Aquatic Organisms
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
SKIN IRRITATION	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

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

**FUMED SILICA, CRYSTALLINE-FREE**ID: **112945-52-5**

%: 0.7500 - 1.2500

GS: LT-UNK

RC: None

NANO: No

ROLE: Rheology Modifier

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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

**IRON OXIDE**

ID: 1317-61-9

%: 0.0000 - 10.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Black Pigment

HAZARDS:

AGENCY(IES) WITH 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

%: 0.0000 - 10.0000

GS: BM-2

RC: None

NANO: No

ROLE: Red Pigment

HAZARDS:

AGENCY(IES) WITH 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

%: 0.0000 - 10.0000

GS: LT-UNK

RC: None

NANO: No

ROLE: Yellow Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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

**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.*

## + 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

## Section 6: References

### MANUFACTURER INFORMATION

MANUFACTURER: **Custom Building Products**

ADDRESS: **10400 Pioneer Blvd Unit 3**

**Santa Fe Springs California 90670, United States**

WEBSITE:

<http://www.custombuildingproducts.com/products/grout-materials/epoxy-grout/ceg-lite.aspx>

CONTACT NAME: **Tim Kennedy**

TITLE: **Compliance Steward**

PHONE: **5629682980**

EMAIL: **timk@cbpmail.net**

### 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)

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

**LT-1** List Translator Likely Benchmark 1

**LT-UNK** List Translator Benchmark Unknown (insufficient information from List Translator lists 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

## 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

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*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.*