

CLASSIFICATION: 09 30 00 Tiling

PRODUCT DESCRIPTION: A professional formula, all-purpose mortar with high flexibility and bond strength. With outstanding adhesion to plywood subfloors, this mortar can also be used for porcelain and glass tile installations. Use it for interior or exterior floors, countertops and walls.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

☐ Nested Materials Method

☒ Basic Method

Threshold level

☐ 100 ppm

☒ 1,000 ppm

☐ Per GHS SDS

☐ Per OSHA MSDS

☐ Other

Residuals/Impurities

☒ Considered

☐ Partially Considered

☐ Not Considered

Explanation(s) provided for Residuals/Impurities?

☒ Yes ☐ No

All Substances Above the Threshold Indicated Are:

Characterized

☐ Yes Ex/SC ☒ Yes ☐ No

% weight and role provided for all substances.

Screened

☐ Yes Ex/SC ☒ Yes ☐ No

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  
VERSABOND FLEX® PROFESSIONAL THIN-SET MORTAR [ QUARTZ LT-1  
| CAN PORTLAND CEMENT LT-P1 | END | CAN LIMESTONE, CALCIUM  
CARBONATE LT-UNK FLY ASH LT-UNK BLAST FURNACE SLAG LT-UNK  
UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK GLASS / MINERAL FIBER  
(POST-CONSUMER RECYCLED) LT-UNK UNDISCLOSED LT-UNK  
UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK ]

Number of Greenscreen BM-4/BM3 contents ... 0  
Contents highest concern GreenScreen  
Benchmark or List translator Score ... LT-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): 0.0 Regulatory (g/l): 0.0  
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: CDPH Standard Method V1.2 (Section 01350/CHPS) -  
Classroom & Office scenario  
VOC content: VOC Content

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

☐ Yes

☒ No

PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2019-04-16  
PUBLISHED DATE: 2019-04-16  
EXPIRY DATE: 2022-04-16



## 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)

### VERSABOND FLEX® PROFESSIONAL THIN-SET MORTAR

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 PRODUCT NOTES:

QUARTZ

ID: 14808-60-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-04-16

%: 40.0000 - 70.0000
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	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
CANCER	New Zealand - GHS	6.7A - Known or presumed human carcinogens
CANCER	Japan - GHS	Carcinogenicity - Category 1A
CANCER	Australia - GHS	H350i - May cause cancer by inhalation

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

PORTLAND CEMENT

ID: 65997-15-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-04-16

%: 15.0000 - 40.0000
GS: LT-P1
RC: None
NANO: No
ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
SUBSTANCE NOTES: Ranges given due to batch to batch variability.		

## LIMESTONE, CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-04-16</b>		
%: <b>10.0000 - 30.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Aggregate</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
No hazards found				
SUBSTANCE NOTES: <b>Ranges given due to batch to batch variability.</b>				

## FLY ASH

ID: 68131-74-8

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-04-16</b>		
%: <b>7.0000 - 13.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Binder</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
No hazards found				
SUBSTANCE NOTES: <b>Ranges given due to batch to batch variability. Gray version only.</b>				

## BLAST FURNACE SLAG

ID: 65996-69-2

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-04-16</b>		
%: <b>7.0000 - 13.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Binder</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
No hazards found				
SUBSTANCE NOTES: <b>Ranges given due to batch to batch variability. White version only.</b>				

## UNDISCLOSED

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-04-16</b>		
%: <b>1.0000 - 5.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Binder</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		
SUBSTANCE NOTES: Ranges given due to batch to batch variability.		

UNDISCLOSED

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-04-16</b>		
%: <b>0.2000 - 0.8000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Accelerator</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
No hazards found				
SUBSTANCE NOTES: <b>Ranges given due to batch to batch variability.</b>				

GLASS / MINERAL FIBER (POST-CONSUMER RECYCLED)

ID: 65997-17-3

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-04-16</b>				
%: <b>0.0000 - 2.0000</b>		GS: <b>LT-UNK</b>		RC: <b>PostC</b>	NANO: <b>No</b>	ROLE: <b>Lightweight Aggregate</b>
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS			
No hazards found						
SUBSTANCE NOTES: <b>Ranges given due to batch to batch variability.</b>						

UNDISCLOSED

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-04-16</b>		
%: <b>0.0000 - 0.6000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Rheology Modifier</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
No hazards found				
SUBSTANCE NOTES: <b>Ranges given due to batch to batch variability.</b>				

UNDISCLOSED

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-04-16</b>		
%: <b>0.0000 - 2.0000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Binder</b>

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
No hazards found		
SUBSTANCE NOTES: Ranges given due to batch to batch variability.		

UNDISCLOSED

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2019-04-16</b>				
%: <b>0.0000 - 0.4000</b>		GS: <b>LT-UNK</b>		RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Rheology Modifier</b>
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS			
No hazards found						
SUBSTANCE NOTES: <b>Ranges given due to batch to batch variability.</b>						

## 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 V1.2 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2019-04-16**

EXPIRY DATE:

CERTIFIER OR LAB: **UL Environment**

APPLICABLE FACILITIES: **ALL**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **UL GreenGuard Gold passed. Awaiting certificate.**

### VOC CONTENT

### VOC Content

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-04-16**

EXPIRY DATE:

CERTIFIER OR LAB: **SELF-DECLARED**

APPLICABLE FACILITIES: **ALL**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

## 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:

**<https://www.custombuildingproducts.com/products/setting-materials/polymer-modified-thin-set-mortars/versabond/versabond-flex.aspx>**

CONTACT NAME: **Tim Kennedy**

TITLE: **Compliance Steward**

PHONE: **8002728786**

EMAIL: **TechnicalServiceDepartment@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)

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**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)

**NoGS** Unknown (no data on List Translator Lists)

#### 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

*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.*