

HPD UNIQUE IDENTIFIER: 24535

CLASSIFICATION: 09 30 00 Tiling

PRODUCT DESCRIPTION: MultiSet is a dry-set mortar with good bond strength for tile installations over most surfaces. Apply over concrete, cement backerboards and existing ceramic tile. Meets ANSI A118.4 without the need for additives.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|   |  |   |   |
|---|--|---|---|
| Inventory Reporting Format                    | Threshold level                          | Residuals/Impurities  | <i>All Substances Above the Threshold Indicated Are:</i><br>Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>% weight and role provided for all substances.</i><br>Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No<br><i>All substances screened using Priority Hazard Lists with results disclosed.</i><br>Identified <input type="radio"/> Yes Ex/SC <input type="radio"/> Yes <input checked="" type="radio"/> No<br><i>One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.</i> |
| <input type="radio"/> Nested Materials Method | <input checked="" type="radio"/> 100 ppm | <input checked="" type="radio"/> Considered                   |   |
| <input checked="" type="radio"/> Basic Method | <input type="radio"/> 1,000 ppm          | <input type="radio"/> Partially Considered                    |   |
| Threshold Disclosed Per                       | <input type="radio"/> Per GHS SDS        | <input type="radio"/> Not Considered                          |   |
| <input type="radio"/> Material                | <input type="radio"/> Other              | <b>Explanation(s) provided for Residuals/Impurities?</b>      |   |
| <input checked="" type="radio"/> Product      |  | <input checked="" type="radio"/> Yes <input type="radio"/> 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.

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY**  
**GREENSCREEN SCORE | HAZARD TYPE**  
**MULTISET ECONOMICAL THIN-SET MORTAR [ QUARTZ LT-1 | CAN**  
**PORTLAND CEMENT LT-P1 | CAN | END LIMESTONE, CALCIUM**  
**CARBONATE LT-UNK BLAST FURNACE SLAG LT-UNK**  
**UNDISCLOSED 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: UL/GreenGuard Gold Certified  
VOC content: VOC Content

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:  
VERIFICATION #:

SCREENING DATE: 2021-04-21

PUBLISHED DATE: 2021-04-21

EXPIRY DATE: 2024-04-21

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

### MULTISET ECONOMICAL THIN-SET MORTAR

PRODUCT THRESHOLD: 100 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: 2021-04-21 18:19:24

#: 40.0000 - 70.0000 GS: LT-1 RC: None NANO: No SUBSTANCE ROLE: Filler

| HAZARD TYPE | AGENCY AND LIST TITLES            | WARNINGS  |
|-------------|-----------------------------------|---|
| CAN         | US CDC - Occupational Carcinogens | Occupational Carcinogen   |
| CAN         | CA EPA - Prop 65                  | Carcinogen - specific to chemical form or exposure route                      |
| CAN         | US NIH - Report on Carcinogens    | Known to be Human Carcinogen (respirable size - occupational setting)         |
| CAN         | MAK                               | Carcinogen Group 1 - Substances that cause cancer in man                      |
| CAN         | IARC                              | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources |
| CAN         | IARC                              | Group 1 - Agent is Carcinogenic to humans                                     |
| CAN         | GHS - Australia                   | H350i - May cause cancer by inhalation  |
| CAN         | GHS - New Zealand                 | 6.7A - Known or presumed human carcinogens                                    |
| CAN         | GHS - Japan                       | Carcinogenicity - Category 1A [H350]  |

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: 2021-04-21 18:19:25

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

| HAZARD TYPE | AGENCY AND LIST TITLES                | WARNINGS   |
|-------------|---------------------------------------|--|
| CAN         | MAK                                   | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |
| END         | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor  |

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 SCREENING DATE: **2021-04-21 18:19:25**

%: **10.0000 - 30.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

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

**BLAST FURNACE SLAG**

ID: 65996-69-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-21 18:19:25**

%: **5.0000 - 10.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Ranges given due to batch to batch variability. White version only.

**UNDISCLOSED**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-21 18:19:26**

%: **0.2000 - 0.8000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Accelerator**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

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

**UNDISCLOSED**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-21 18:19:26**

%: **0.1000 - 0.5000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

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

**UNDISCLOSED**

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-21 18:19:27**

%: **0.0000 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

| HAZARD TYPE  | AGENCY AND LIST TITLES | WARNINGS                                       |
|--|------------------------|--|
| None found   |                        | No warnings found on HPD Priority Hazard Lists |
| SUBSTANCE NOTES: Ranges given due to batch to batch variability. |                        |  |

**UNDISCLOSED**

ID: **Undisclosed**

| HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b> |                        | HAZARD SCREENING DATE: <b>2021-04-21 18:19:27</b> |  |
|---|------------------------|---|--|
| %: <b>0.0000 - 1.0000</b>   | GS: <b>LT-UNK</b>      | RC: <b>None</b>                                   | NANO: <b>No</b> SUBSTANCE ROLE: <b>Polymer species</b> |
| HAZARD TYPE   | AGENCY AND LIST TITLES | WARNINGS  |  |
| None found  |                        | No warnings found on HPD Priority Hazard 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.*

| VOC EMISSIONS   | UL/GreenGuard Gold Certified |              |                                  |
|---|------------------------------|--------------|----------------------------------|
| CERTIFYING PARTY: Third Party<br>APPLICABLE FACILITIES: ALL<br>CERTIFICATE URL:<br><a href="https://www.custombuildingproducts.com/reference-library/leed-certification/greenguard-gold-certification.aspx">https://www.custombuildingproducts.com/reference-library/leed-certification/greenguard-gold-certification.aspx</a><br>CERTIFICATION AND COMPLIANCE NOTES: | ISSUE DATE: 2019-05-27       | EXPIRY DATE: | CERTIFIER OR LAB: UL Environment |
| VOC CONTENT   | VOC Content                  |              |                                  |
| CERTIFYING PARTY: Self-declared<br>APPLICABLE FACILITIES: ALL<br>CERTIFICATE URL:<br>CERTIFICATION AND COMPLIANCE NOTES:  | ISSUE DATE: 2019-04-16       | EXPIRY DATE: | CERTIFIER OR LAB: SELF-DECLARED  |

## 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

**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/multiset.aspx>

**CONTACT NAME:** Tim Kennedy  
**TITLE:** Compliance Manager  
**PHONE:** (404) 634-9100 x 3351  
**EMAIL:** technicalservicedepartment@cbpmail.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**

|                                       |   |  |
|---------------------------------------|---|--|
| <b>AQU</b> Aquatic toxicity           | <b>LAN</b> Land toxicity                          | <b>PHY</b> Physical hazard (flammable or reactive)   |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity      | <b>REP</b> Reproductive                              |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple                               | <b>RES</b> Respiratory sensitization                 |
| <b>END</b> Endocrine activity         | <b>NEU</b> Neurotoxicity                          | <b>SKI</b> Skin sensitization/irritation/corrosivity |
| <b>EYE</b> Eye irritation/corrosivity | <b>NF</b> Not found on Priority Hazard Lists      | <b>UNK</b> Unknown                                   |
| <b>GEN</b> Gene mutation              | <b>OZO</b> Ozone depletion                        |  |
| <b>GLO</b> Global warming             | <b>PBT</b> Persistent, bioaccumulative, and toxic |  |

**GreenScreen (GS)**

|   |  |
|---|--|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)   |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-UNK</b> 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.) |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>NoGS</b> No GreenScreen.  |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          |  |
| <b>BM-U</b> Benchmark Unspecified (due to insufficient data)        |  |
| <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)      |  |

**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.*

