

HPD UNIQUE IDENTIFIER: 854457344

CLASSIFICATION: 04 05 13 Masonry Mortaring

PRODUCT DESCRIPTION: SPEC MIX® Masonry Cement & Sand mortar is a dry preblended mortar mix containing masonry cement and dried masonry sand formulated for superior bond, water retention and board life. SPEC MIX Masonry Cement & Sand mortar is available in color and is engineered for the installation of CMU, and brick applications where high mortar workability and board life is required for good bond. It comes in Types M, S and N, and each designation meets ASTM C 270, ASTM C 1714, and CSA A179 requirements. In addition to custom mix designs that are available for specific applications or properties, the standard Masonry Cement & Sand mortar is designed to be compatible with the characteristics of the specified masonry unit. It is acceptable for all types of masonry construction, below or above grade.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|                                               |                                          |                                                               |                                                                                    |
|-----------------------------------------------|------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>Inventory Reporting Format</b>             | <b>Threshold Level</b>                   | <b>Residuals/Impurities Evaluation</b>                        | <i>For all contents above the threshold, the manufacturer has:</i>                 |
| <input type="radio"/> Nested Materials Method | <input checked="" type="radio"/> 100 ppm | <input checked="" type="radio"/> Completed                    | <b>Characterized</b> <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <input checked="" type="radio"/> Basic Method | <input type="radio"/> 1,000 ppm          | <input type="radio"/> Partially Completed                     | <i>Provided weight and role.</i>                                                   |
| <b>Threshold Disclosed Per</b>                | <input type="radio"/> Per GHS SDS        | <input type="radio"/> Not Completed                           | <b>Screened</b> <input checked="" type="radio"/> Yes <input type="radio"/> No      |
| <input type="radio"/> Material                | <input type="radio"/> Other              | <b>Explanation(s) provided :</b>                              | <i>Provided screening results using HPDC-approved methods.</i>                     |
| <input checked="" type="radio"/> Product      |                                          | <input checked="" type="radio"/> Yes <input type="radio"/> No | <b>Identified</b> <input checked="" type="radio"/> Yes <input type="radio"/> No    |
|                                               |                                          |                                                               | <i>Provided name and CAS RN or other identifier.</i>                               |

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.

**PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY**

**GREENSCREEN SCORE | HAZARD TYPE**

**SPEC MIX® MASONRY CEMENT & SAND TYPE N MC-04 (#19005) [**

**QUARTZ** **BM-1** | CAN | MAM | GEN **PORTLAND CEMENT** **LT-P1** | CAN |

END | MAM **CALCIUM HYDROXIDE** **LT-P1** | SKI | MAM | EYE ]

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1, LT-P1

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): 0Regulatory (g/l): 0

Does the product contain exempt VOCs: No

Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

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

VOC emissions: CDPH Standard Method - Not tested

VOC content: VOC Content - Not Tested

**CONSISTENCY WITH OTHER PROGRAMS**

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

|                                     |                         |                            |
|-------------------------------------|-------------------------|----------------------------|
| Third Party Verified?               | PREPARER: Self-Prepared | SCREENING DATE: 2025-02-20 |
| <input type="radio"/> Yes           | VERIFIER:               | PUBLISHED DATE: 2025-02-20 |
| <input checked="" type="radio"/> No | VERIFICATION #:         | EXPIRY DATE: 2028-02-20    |

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 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

SPEC MIX® MASONRY CEMENT & SAND TYPE N MC-04 (#19005)

|                                                                                                         |                                                    |
|---------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| PRODUCT THRESHOLD: 100 ppm                                                                              | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes |
| RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered when generating this document. |                                                    |
| OTHER PRODUCT NOTES: No other product notes                                                             |                                                    |

QUARTZ

ID: 14808-60-7

|                                                           |                                   |                                                                                                                                                           |                                           |                        |
|-----------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                                   |                                                                                                                                                           | HAZARD SCREENING DATE: 2025-02-20 6:55:14 |                        |
| ?: 70.0000 - 80.0000                                      | GreenScreen: BM-1                 | RC: None                                                                                                                                                  | NANO: No                                  | SUBSTANCE ROLE: Filler |
| HAZARD TYPE                                               | LIST NAME AND SOURCE              | 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                                                       | US NIH - Report on Carcinogens    | Known to be a human Carcinogen                                                                                                                            |                                           |                        |
| CAN                                                       | GHS - Japan                       | H350 - May cause cancer [Carcinogenicity - Category 1A]                                                                                                   |                                           |                        |
| CAN                                                       | GHS - Australia                   | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]                                                                              |                                           |                        |
| CAN                                                       | GHS - New Zealand                 | Carcinogenicity category 1                                                                                                                                |                                           |                        |
| MAM                                                       | GHS - Japan                       | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                                           |                        |
| GEN                                                       | GHS - Japan                       | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]                                                                         |                                           |                        |
| MAM                                                       | GHS - Australia                   | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |                                           |                        |
| MAM                                                       | GHS - New Zealand                 | Specific target organ toxicity - repeated exposure category 1                                                                                             |                                           |                        |

| ADDITIONAL LISTINGS                                              |  | LIST NAME AND SOURCE                  |  | NOTIFICATION                                                                                                                                              |                |
|------------------------------------------------------------------|--|---------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| None found                                                       |  |                                       |  | No listings found on Additional Hazard Lists                                                                                                              |                |
| SUBSTANCE NOTES: Ranges given due to batch to batch variability. |  |                                       |  |                                                                                                                                                           |                |
|                                                                  |  |                                       |  |                                                                                                                                                           |                |
| PORTLAND CEMENT                                                  |  |                                       |  |                                                                                                                                                           | ID: 65997-15-1 |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library        |  |                                       |  | HAZARD SCREENING DATE: 2025-02-20 6:55:15                                                                                                                 |                |
| %: 10.0000 - 20.0000                                             |  | GreenScreen: LT-P1                    |  | RC: None                                                                                                                                                  | NANO: No       |
|                                                                  |  |                                       |  | SUBSTANCE ROLE: Binder                                                                                                                                    |                |
| HAZARD TYPE                                                      |  | LIST NAME AND SOURCE                  |  | WARNINGS                                                                                                                                                  |                |
| CAN                                                              |  | MAK                                   |  | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification                                                              |                |
| END                                                              |  | TEDX - Potential Endocrine Disruptors |  | Potential Endocrine Disruptor                                                                                                                             |                |
| MAM                                                              |  | GHS - Japan                           |  | H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]                                                   |                |
| MAM                                                              |  | GHS - Japan                           |  | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |                |
| ADDITIONAL LISTINGS                                              |  | LIST NAME AND SOURCE                  |  | NOTIFICATION                                                                                                                                              |                |
| None found                                                       |  |                                       |  | No listings found on Additional Hazard Lists                                                                                                              |                |

|                                                           |                    |          |                                           |                                    |               |
|-----------------------------------------------------------|--------------------|----------|-------------------------------------------|------------------------------------|---------------|
| CALCIUM HYDROXIDE                                         |                    |          |                                           |                                    | ID: 1305-62-0 |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                    |          | HAZARD SCREENING DATE: 2025-02-20 6:55:15 |                                    |               |
| %: 5.0000 - 10.0000                                       | GreenScreen: LT-P1 | RC: None | NANO: No                                  | SUBSTANCE ROLE: Viscosity modifier |               |

| HAZARD TYPE         | LIST NAME AND SOURCE                                     | WARNINGS                                                                                                                                |
|---------------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| SKI                 | GHS - Australia                                          | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                                                                  |
| MAM                 | GHS - Japan                                              | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]                        |
| SKI                 | GHS - New Zealand                                        | Skin corrosion category 1C                                                                                                              |
| EYE                 | GHS - New Zealand                                        | Serious eye damage category 1                                                                                                           |
| EYE                 | GHS - Japan                                              | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                                                     |
| SKI                 | GHS - Japan                                              | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]                                                                |
| EYE                 | GHS - Australia                                          | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]                                                       |
| ADDITIONAL LISTINGS | LIST NAME AND SOURCE                                     | NOTIFICATION                                                                                                                            |
| RESTRICTED LIST     | Green Science Policy Institute (GSPI)                    | GSPI - Six Classes Precautionary List<br><br>Antimicrobials                                                                             |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2024<br><br>Cosmetics and Personal Care Products          |

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                                                                                                                                                                                          | CDPH Standard Method - Not tested               |                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------|
| CERTIFYING PARTY: Self-declared<br>APPLICABLE FACILITIES: ALL. Product is inorganic binders and aggregate and would be compliant if tested.<br>CERTIFICATE URL:<br>CERTIFICATION AND COMPLIANCE NOTES: | ISSUE DATE: 2025-02-20 00:00:00<br>EXPIRY DATE: | CERTIFIER OR LAB: None          |
| VOC CONTENT                                                                                                                                                                                            | VOC Content - Not Tested                        |                                 |
| CERTIFYING PARTY: Self-declared<br>APPLICABLE FACILITIES: ALL. Product is 0 g/L VOC<br>CERTIFICATE URL:<br>CERTIFICATION AND COMPLIANCE NOTES:                                                         | ISSUE DATE: 2025-02-20 00:00:00<br>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

There are no general notes for this material.

## MANUFACTURER INFORMATION

MANUFACTURER: **QUIKRETE Companies, LLC**  
ADDRESS: **5 Concourse Parkway**  
**Suite 1900**  
**Atlanta, GA 30328**  
COUNTRY: **usa**

WEBSITE: **<https://www.specmix.com/masonry/masonry-cement-and-sand-mortar/>**  
CONTACT NAME: **Tim Kennedu**  
TITLE: **Compliance Manager**  
PHONE: **888-773-2649**  
EMAIL: **[timothy.kennedy@quikrete.com](mailto:timothy.kennedy@quikrete.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

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

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

### Recycled Types

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

### Other Terms:

**GHS SDS** Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

### Inventory Methods:

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | 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.*

