

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|                            |                                 |                                                             |
|----------------------------|---------------------------------|-------------------------------------------------------------|
| Inventory Reporting Format | Residuals/Impurities Evaluation | For all contents above the threshold, the manufacturer has: |
| → Basic Method             | → Completed                     |                                                             |
| Threshold Disclosed Per    | Explanation(s) provided :       | Characterized                                               |
| → Product                  | Yes                             | Provided weight and role.                                   |
| Threshold Level            |                                 | Screened                                                    |
| → 100 ppm                  |                                 | Provided screening results using HPDC-approved methods.     |
|                            |                                 | Identified                                                  |
|                            |                                 | Provided name and CAS RN or other identifier.               |

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                                                                                                                                            |
| PRODUCT   MATERIAL OR SUBSTANCE   RESIDUAL OR IMPURITY                                                                                                                                                                                                                                                                                          | Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1                                                                                                               |
| GREENSCREEN SCORE   HAZARD TYPE                                                                                                                                                                                                                                                                                                                 | Nanomaterial ... No                                                                                                                                                                      |
| STONEWARE SLABS BRAND: EMILCERAMICA, ERGON, PROVENZA, VIVA, LEVEL BY EMILCERAMICA SRL [ SILICA, AMORPHOUS (PRIMARY CASRN IS 7631-86-9) BM-1   CAN   MAM QUARTZ (PRIMARY CASRN IS 14808-60-7) BM-1   CAN   MAM   GEN MULLITE (AL6O5(SIO4)2) LT-UNK FELDSPAR LT-UNK   MAM ZIRCONIUM SILICATE LT-UNK CORUNDUM LT-UNK   MAM   EYE ]                 | INVENTORY AND SCREENING NOTES:                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                 | A slab is considered one component resulting from the reactions inside the high temperature kiln-firing process. No warnings or hazards are associated with the final, finished product. |

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

|                                                               |                                                   |
|---------------------------------------------------------------|---------------------------------------------------|
| VOC Content data is not applicable for this product category. | COMPLIANCE See Section 3 for additional listings. |
|                                                               | VOC emissions: UL/GreenGuard Gold Certified       |
|                                                               | CONSISTENCY WITH OTHER PROGRAMS                   |
|                                                               | No pre-checks completed or disclosed.             |

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 3.0, available on the HPDC website at: [www.hpd-collaborative.org/hpd-3-0-standard](http://www.hpd-collaborative.org/hpd-3-0-standard)

STONEWARE SLABS BRAND: EMILCERAMICA, ERGON, PROVENZA, VIVA, LEVEL BY EMILCERAMICA SRL

|                                                                                                                                                                                                                                                            |                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| PRODUCT THRESHOLD: 100 ppm                                                                                                                                                                                                                                 | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes |
| RESIDUALS AND IMPURITIES NOTES: The physical and chemical reactions in the kiln-firing process transform 100% of the initial ingredients (water and mineral based naturally occurring materials) into the final fired tile product and no residuals remain |                                                    |
| OTHER PRODUCT NOTES: The finished product is odorless, non-flammable, do not release hazardous materials after installation, and pose no immediate hazard to health and environment.                                                                       |                                                    |

|                                                                                                                                                                                                                                      |                                       |                                                                                                                                                           |                                           |                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------|
| SILICA, AMORPHOUS (PRIMARY CASRN IS 7631-86-9)                                                                                                                                                                                       |                                       |                                                                                                                                                           |                                           | ID: 107497-59-6              |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                                                                                                                                                            |                                       |                                                                                                                                                           | HAZARD SCREENING DATE: 2024-08-02 1:17:34 |                              |
| %: 70.0000 - 80.0000                                                                                                                                                                                                                 | GreenScreen: BM-1                     | RC: None                                                                                                                                                  | NANO: No                                  | SUBSTANCE ROLE: Ceramic body |
| HAZARD TYPE                                                                                                                                                                                                                          | LIST NAME AND SOURCE                  | WARNINGS                                                                                                                                                  |                                           |                              |
| CAN                                                                                                                                                                                                                                  | GHS - Japan                           | H350 - May cause cancer [Carcinogenicity - Category 1A]                                                                                                   |                                           |                              |
| CAN                                                                                                                                                                                                                                  | GHS - Australia                       | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]                                                                              |                                           |                              |
| 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] |                                           |                              |
| MAM                                                                                                                                                                                                                                  | GHS - Australia                       | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |                                           |                              |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                  | LIST NAME AND SOURCE                  | NOTIFICATION                                                                                                                                              |                                           |                              |
| RESTRICTED LIST                                                                                                                                                                                                                      | Green Science Policy Institute (GSPI) | GSPI - Six Classes Precautionary List                                                                                                                     |                                           |                              |
|                                                                                                                                                                                                                                      |                                       | Antimicrobials                                                                                                                                            |                                           |                              |
| SUBSTANCE NOTES: Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased and used by the customer. |                                       |                                                                                                                                                           |                                           |                              |

|                                                           |  |                                           |  |                |
|-----------------------------------------------------------|--|-------------------------------------------|--|----------------|
| QUARTZ (PRIMARY CASRN IS 14808-60-7)                      |  |                                           |  | ID: 87347-84-0 |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |  | HAZARD SCREENING DATE: 2024-08-02 1:17:34 |  |                |

%: 10.0000 - 15.0000      GreenScreen: BM-1      RC: None      NANO: No      SUBSTANCE ROLE: Ceramic body

| 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: Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased and used by the customer

MULLITE (AL6O5(SiO4)2) ID: 1302-93-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library      HAZARD SCREENING DATE: 2024-08-02 1:17:34

%: 2.5000 - 5.0000      GreenScreen: LT-UNK      RC: None      NANO: No      SUBSTANCE ROLE: Ceramic body

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS                                       |
|-------------|----------------------|------------------------------------------------|
| None found  |                      | No warnings found on HPD Priority Hazard Lists |

| ADDITIONAL LISTINGS                                                                                                                                                                                                                  | LIST NAME AND SOURCE | NOTIFICATION                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------|
| None found                                                                                                                                                                                                                           |                      | No listings found on Additional Hazard Lists |
| SUBSTANCE NOTES: Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased and used by the customer. |                      |                                              |

FELDSPAR

ID: 68476-25-5

|                                                                                                                                                                                                                                      |                            |                                                  |                                                               |                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------|---------------------------------------------------------------|-------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                     |                            | HAZARD SCREENING DATE: <b>2024-08-02 1:17:34</b> |                                                               |                                     |
| %: <b>0.0000 - 4.5000</b>                                                                                                                                                                                                            | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b>                                               | SUBSTANCE ROLE: <b>Ceramic body</b> |
| HAZARD TYPE                                                                                                                                                                                                                          | LIST NAME AND SOURCE       |                                                  | WARNINGS                                                      |                                     |
| 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: Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased and used by the customer. |                            |                                                  |                                                               |                                     |

ZIRCONIUM SILICATE

ID: 1393-48-2

|                                                                                                                                                                                                                                      |                            |                                                  |                 |                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------|-----------------|-------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                                                                     |                            | HAZARD SCREENING DATE: <b>2024-08-02 1:17:35</b> |                 |                                     |
| %: <b>0.0000 - 2.5000</b>                                                                                                                                                                                                            | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Ceramic body</b> |
| HAZARD TYPE                                                                                                                                                                                                                          | LIST NAME AND SOURCE       | WARNINGS                                         |                 |                                     |
| None found                                                                                                                                                                                                                           |                            | No warnings found on HPD Priority Hazard Lists   |                 |                                     |
| ADDITIONAL LISTINGS                                                                                                                                                                                                                  | LIST NAME AND SOURCE       | NOTIFICATION                                     |                 |                                     |
| None found                                                                                                                                                                                                                           |                            | No listings found on Additional Hazard Lists     |                 |                                     |
| SUBSTANCE NOTES: Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased and used by the customer. |                            |                                                  |                 |                                     |

CORUNDUM

ID: 1302-74-5

|                                                                  |                            |                                                  |                 |                                     |
|------------------------------------------------------------------|----------------------------|--------------------------------------------------|-----------------|-------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2024-08-02 1:17:34</b> |                 |                                     |
| %: <b>0.0000 - 2.5000</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Ceramic body</b> |

| HAZARD TYPE | LIST NAME AND SOURCE | WARNINGS                                                                                                                                                  |
|-------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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] |
| EYE         | GHS - Japan          | H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]                                                                  |

| ADDITIONAL LISTINGS | LIST NAME AND SOURCE | NOTIFICATION                                 |
|---------------------|----------------------|----------------------------------------------|
| None found          |                      | No listings found on Additional Hazard Lists |

SUBSTANCE NOTES: Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased and used by the customer.

## Section 3: 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  |                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------|
| <b>COMPLIANCE TYPE:</b> Third Party<br><b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> UL<br><b>COMPLIANCE DETAILS:</b><br><b>COMPLIANCE SCOPE:</b><br><b>APPLICABLE FACILITIES:</b> all<br><b>COMPLIANCE URL:</b><br><b>COMPLIANCE NOTES:</b> UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Certification with annual renewal. | <b>ISSUE DATE:</b> 2020-04-20 | <b>EXPIRY DATE:</b> No expiration |

## 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

Emilceramica S.r.l. is a member of USGBC and GBCItalia.

Emilceramica S.r.l. has externally certified its Energy management system in compliance with ISO 50001:2018.

Mohawk Corporation - Emilceramica 's Parent Company, has published a LEED compliant Corporate Sustainability Report. This document can be found at the following website: <http://mohawksustainability.com/>

## MANUFACTURER INFORMATION

MANUFACTURER: **EMILCERAMICA S.r.l.**  
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**Fiorano Modenese (MO), Italy 41042**  
 COUNTRY: **Italy**

WEBSITE: **<https://www.emilgroup.com/>**  
 CONTACT NAME: **Silvia Serri**  
 TITLE: **Certification coordinator**  
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 EMAIL: **[ambiente@emilceramicagroup.it](mailto:ambiente@emilceramicagroup.it)**

*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          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | 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 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.*