

Porcelain Tiles  
by Cooperativa Ceramica Di Imola

HPD UNIQUE IDENTIFIER: 2666988405760  
HPD UNIQUE PRODUCT ID: Not provided.  
CLASSIFICATION: 09 30 13 Ceramic Tiling  
PRODUCT DESCRIPTION: Ceramic tile fully vitrified for floors and wall, internal and external use

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

|                                                         |                                                          |                                                                           |
|---------------------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------|
| Inventory Reporting Format<br>→ Nested Materials Method | Residuals/Impurities Evaluation<br>Not Completed         | For all contents above the threshold, the manufacturer has:               |
| Threshold Disclosed Per<br>→ Product                    | Explanation(s) provided for Residuals/Impurities?<br>Yes | Characterized<br>Provided weight and role.<br>Yes                         |
| Threshold Level<br>→ 100 ppm                            |                                                          | Screened<br>Provided screening results using HPDC-approved methods.<br>No |
|                                                         |                                                          | Identified<br>Provided name and CAS RN or other identifier.<br>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.

Nested Material | Material or Substance | Residual or Impurity

Greenscreen Score | Hazard Type

Porcelain Ceramic [ (Amorphous Glassy Phase) Not Screened  
Quartz BM-1 | CAN | MAM | GEN Feldspar LT-UNK | MAM  
Mullite (Al6O5(SiO4)2) LT-UNK Zircon (Zr(SiO4)) BM-2  
Corundum LT-UNK | MAM | EYE ]

Number of Greenscreen BM-4/BM3 contents ... 0  
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1  
Nanomaterial ... No

Inventory and Screening Notes:

Material fired at high temperature, ceramic sintered material

Volatile Organic Compound (VOC) Content

VOC Content data is not applicable for this product category.

Compliance See Section 3 for additional listings.  
VOC emissions: MAS Certified Green - VOC Emissions  
Recycled content: Extended Producer Responsibility (EPR) program - LEED compliant

Consistency with Other Programs

No pre-checks completed or disclosed.

## 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 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)

|                                                                                                                                                                                       |  |                                                   |                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------|------------------------|
| PORCELAIN CERAMIC                                                                                                                                                                     |  | %: 100.0000 - 100.0000                            |                        |
| PRODUCT THRESHOLD: 100 ppm                                                                                                                                                            |  | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No | MATERIAL TYPE: Ceramic |
| RESIDUALS AND IMPURITIES NOTES: This material is fired at a high temperature - sintered ceramic that does not contain residuals derived from it.                                      |  |                                                   |                        |
| OTHER MATERIAL NOTES: The finished product is odorless, non-flammable, do not release hazardous materials after installation, and pose no immediate hazard to health and environment. |  |                                                   |                        |

|                                                                                                |  |                                           |  |                                     |              |                              |  |
|------------------------------------------------------------------------------------------------|--|-------------------------------------------|--|-------------------------------------|--------------|------------------------------|--|
| (AMORPHOUS GLASSY PHASE)                                                                       |  |                                           |  | ID: Not Registered                  |              |                              |  |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                      |  |                                           |  | HAZARD SCREENING DATE: Not Screened |              |                              |  |
| %: 55.0000 - 70.0000                                                                           |  | GreenScreen: Not Screened                 |  | RC: None                            | NANO: No     | SUBSTANCE ROLE: Ceramic body |  |
| HAZARD TYPE                                                                                    |  | LIST NAME AND SOURCE                      |  |                                     | WARNINGS     |                              |  |
|                                                                                                |  | Hazard Screening not performed            |  |                                     |              |                              |  |
| ADDITIONAL LISTINGS                                                                            |  | LIST NAME AND SOURCE                      |  |                                     | NOTIFICATION |                              |  |
|                                                                                                |  | Additional Hazard Screening not performed |  |                                     |              |                              |  |
| SUBSTANCE NOTES: The composition is variable and can't be reconciled with a specific CAS RN #. |  |                                           |  |                                     |              |                              |  |

|                                                           |                   |          |                                           |                              |
|-----------------------------------------------------------|-------------------|----------|-------------------------------------------|------------------------------|
| QUARTZ                                                    |                   |          | ID: 14808-60-7                            |                              |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                   |          | HAZARD SCREENING DATE: 2025-12-05 7:16:10 |                              |
| %: 15.0000 - 27.0000                                      | 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: The finished product is inert, and it doesn't release any breathable dust in standard use conditions. Quartz is embedded in a sintered ceramic matrix that is not breathable; therefore, it doesn't present any exposure risk during a standard use of the product. The risk associated to quartz dust is present only when dry cutting the material without adequate protections.

FELDSPAR

ID: 68476-25-5

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                                                               | HAZARD SCREENING DATE: <b>2026-02-04 10:33:03</b> |                             |
|------------------------------------------------------------------|----------------------------|---------------------------------------------------------------|---------------------------------------------------|-----------------------------|
| #: <b>4.0000 - 15.0000</b>                                       | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                               | NANO: <b>No</b>                                   | SUBSTANCE ROLE: <b>Flux</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: This material is fired at a high temperature and a sintered ceramic material |                      |                                              |

MULLITE (AL6O5(SiO4)2)

ID: 1302-93-8

|                                                                                               |                            |                                                  |                 |                                        |
|-----------------------------------------------------------------------------------------------|----------------------------|--------------------------------------------------|-----------------|----------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                              |                            | HAZARD SCREENING DATE: <b>2025-12-05 7:16:11</b> |                 |                                        |
| %: <b>3.0000 - 6.0000</b>                                                                     | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b>                                  | NANO: <b>No</b> | SUBSTANCE ROLE: <b>Glass component</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: This material is fired at a high temperature and a sintered ceramic material |                            |                                                  |                 |                                        |

ZIRCON (Zr(SiO4))

ID: 14940-68-2

|                                                                                                                                                                                         |                      |                                                |                                                  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------|--------------------------------------------------|--|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b>                                                                                                                        |                      |                                                | HAZARD SCREENING DATE: <b>2025-12-05 7:16:11</b> |  |
| <div> <div>%: <b>0.0000 - 3.0000</b></div> <div>GreenScreen: <b>BM-2</b></div> <div>RC: <b>None</b></div> <div>NANO: <b>No</b></div> <div>SUBSTANCE ROLE: <b>Opacifier</b></div> </div> |                      |                                                |                                                  |  |
| 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:                                                                                                                                                                        |                      |                                                |                                                  |  |

CORUNDUM

ID: 1302-74-5

|                                                                  |                            |                                                  |                 |                                     |
|------------------------------------------------------------------|----------------------------|--------------------------------------------------|-----------------|-------------------------------------|
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            | HAZARD SCREENING DATE: <b>2025-12-05 7:16:12</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:

## 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                                                                                                                                                                                                                                                                                                                                                                                                                  | MAS Certified Green - VOC Emissions                             |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------|
| <b>COMPLIANCE TYPE:</b> Third-party certification<br><b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> Centro<br>Ceramico di Bologna<br><b>COMPLIANCE DETAILS:</b><br><b>COMPLIANCE SCOPE:</b><br><b>APPLICABLE FACILITIES:</b> This certification is not specific<br>to a particular facility<br><b>COMPLIANCE URL:</b> <a href="https://www.centroceramico.it/">https://www.centroceramico.it/</a><br><b>COMPLIANCE NOTES:</b>  | <b>ISSUE DATE:</b> 2011-06-10                                   | <b>EXPIRY DATE:</b> 2028-12-31 |
| RECYCLED CONTENT                                                                                                                                                                                                                                                                                                                                                                                                               | Extended Producer Responsibility (EPR) program - LEED compliant |                                |
| <b>COMPLIANCE TYPE:</b> Self-declaration<br><b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b><br>Technological Laboratory of Cooperativa Ceramica d'Imola<br><b>COMPLIANCE DETAILS:</b><br><b>COMPLIANCE SCOPE:</b><br><b>APPLICABLE FACILITIES:</b> This certification is not specific<br>to a particular facility<br><b>COMPLIANCE URL:</b> <a href="https://ccimola.com/">https://ccimola.com/</a><br><b>COMPLIANCE NOTES:</b> | <b>ISSUE DATE:</b> 2018-09-13                                   | <b>EXPIRY DATE:</b> 2028-12-31 |

## 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

The tile surfaces, during normal wear, will not release any harmful material. Moreover, if any material is removed, it is absolutely inert from a toxicological point of view and is not harmful for the environment. Cooperativa Ceramica d'Imola ceramic tiles are not affected by fire. They are not damaged from being exposed to flames and they limit the spreading and intensification of the flames. Cooperativa Ceramica d'Imola ceramic tiles do not allow the proliferation of bacteria and they are ideal for locations where sterility condition must be maintained.

The finished product is inert and does not release respirable dust under normal use conditions. The quartz is incorporated in a sintered ceramic matrix and is not respirable. It does not present an exposure risk during normal use of the product. The risk associated with quartz dust applies only during dry processing (cutting) without adequate protection.

## MANUFACTURER INFORMATION

MANUFACTURER: **Cooperativa Ceramica Di Imola**  
 ADDRESS: **Via Vittorio Veneto, 13**  
**Imola, Bologna 40026**  
 COUNTRY: **Italy**

WEBSITE: **<https://ccimola.com/>**  
 CONTACT NAME: **Franco Billi**  
 TITLE: **Technological Laboratory Manager**  
 PHONE: **0542601601**  
 EMAIL: **franco.billi@ccimola.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.*