Mutina fine stoneware porcelain tiles by Ceramiche Mutina

CLASSIFICATION: Fine Stoneware Porcelain Tiles

PRODUCT DESCRIPTION: Porcelain Tiles, according with ISO13006 and EN14411:2016, with water absorption < 0.5%

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>100 ppm</td>
<td>Considered in 3 of 3 Materials</td>
</tr>
<tr>
<td>Basic Method</td>
<td>1,000 ppm</td>
<td></td>
</tr>
<tr>
<td>Threshold Disclosed Per</td>
<td>Per GHS SDS</td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>Per OSHA MSDS</td>
<td></td>
</tr>
<tr>
<td>Product</td>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

Residuals/Impurities

- Characterized
  - Yes Ex/SC
  - Yes
  - No

- Screened
  - Yes Ex/SC
  - Yes
  - No

- Identified
  - Yes Ex/SC
  - Yes
  - No

All Substances Above the Threshold Indicated Are:

- Characterized
  - Yes Ex/SC
  - Yes
  - No

- Screened
  - Yes Ex/SC
  - Yes
  - No

- Identified
  - Yes Ex/SC
  - Yes
  - 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.

Volatile Organic Compound (VOC) Content

VOC Content data is not applicable for this product category.

Certifications and Compliance

See Section 3 for additional listings.

VOC emissions: MAS Certified Green - VOC Emissions

Consistency with other Programs

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

Preparer: Self-Prepared

Verifier:

Verification #: 

Screening date: 2019-05-21

Published Date: 2019-05-22

Expiry Date: 2022-05-21

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Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-1-standard](http://www.hpd-collaborative.org/hpd-2-1-1-standard)

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>Threshold Range</th>
<th>Material Threshold</th>
<th>Residuals and Impurities Considered</th>
<th>Residuals and Impurities Notes</th>
<th>Other Material Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILICA, AMORPHOUS</td>
<td>60.00 - 70.00</td>
<td>100 ppm</td>
<td>Yes</td>
<td>There aren't relevant Residual or Impurity</td>
<td>All substances in this material are below the reportable threshold.</td>
</tr>
<tr>
<td>SILICA, FUSED</td>
<td>22.00 - 28.00</td>
<td>100 ppm</td>
<td>Yes</td>
<td>There aren't relevant Residuals or Impurities</td>
<td>The porcelain tile is classified as &quot;inert&quot; and fully vitrified. All substances in this material are below the reportable threshold.</td>
</tr>
<tr>
<td>MULLITE</td>
<td>8.00 - 12.00</td>
<td>100 ppm</td>
<td>Yes</td>
<td>There aren't relevant Residuals or Impurities</td>
<td>All substances in this material are below the reportable threshold.</td>
</tr>
</tbody>
</table>
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

**MAS Certified Green - VOC Emissions**

<table>
<thead>
<tr>
<th>CERTIFYING PARTY:</th>
<th>Third Party</th>
<th>ISSUE DATE:</th>
<th>2019-02-13</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPLICABLE FACILITIES:</td>
<td>Applicable to all products of Cer. Mutina</td>
<td>EXPIRY DATE:</td>
<td></td>
</tr>
<tr>
<td>CERTIFICATE URL:</td>
<td><a href="https://www.modenacentroprove.it/">https://www.modenacentroprove.it/</a></td>
<td>CERTIFIER OR LAB:</td>
<td>Modena Centro Prove</td>
</tr>
<tr>
<td>CERTIFICATION AND COMPLIANCE NOTES:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Terms and Definition Ceramic Tile: slab made from clay and other inorganic raw materials, generally used as coverings for floors and walls. The tile can be produced by extrusion or by dry-pressing, the fired to the necessary temperature to develop the required properties. Tiles can be glazed (GL) or unglazed (UGL) Porcelain Ceramic Tile: fully vitrified tiles with water absorption lower than 0.5%, according with EN ISO 10545-3

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**MANUFACTURER INFORMATION**

**MANUFACTURER:** Ceramiche Mutina  
**ADDRESS:** via Ghiarola Nuova 16, Fiorano Modena 41042, Italy  
**WEBSITE:** www.mutina.it

**CONTACT NAME:** Matteo Galli  
**TITLE:** CTO  
**PHONE:** +390536812800  
**EMAIL:** m.galli@mutina.it

**KEY**

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet  
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

**Hazard Types**

- **AQU** Aquatic toxicity  
- **CAN** Cancer  
- **DEV** Developmental toxicity  
- **END** Endocrine activity  
- **EYE** Eye irritation/corrosivity  
- **GEN** Gene mutation

**GreenScreen (GS)**

- **BM-4** Benchmark 4 (prefer-safer chemical)  
- **BM-3** Benchmark 3 (use but still opportunity for improvement)  
- **BM-2** Benchmark 2 (use but search for safer substitutes)  
- **BM-1** Benchmark 1 (avoid - chemical of high concern)  
- **BM-U** Benchmark Unspecified (insufficient data to benchmark)

**Recycled Types**

- **PreC** Preconsumer (Post-Industrial)  
- **PostC** Postconsumer  
- **Both** Both Preconsumer and Postconsumer  
- **Unk** Inclusion of recycled content is unknown  
- **None** Does not include recycled content

**Other Terms**

- **Inventory Methods:** Nested Method / Material Threshold, Nested Method / Product Threshold, Basic Method / Product Threshold

- **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

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The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.