

CLASSIFICATION: 09 30 00 -Tiling: Ceramic tile materials

PRODUCT DESCRIPTION: MIRAGE GRANITO CERAMICO PORCELAIN STONEWARE TILES AND SLABS

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances.

Screened Yes Ex/SC Yes No

One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.

Identified Yes Ex/SC Yes No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

PORCELAIN CERAMIC TILES AND SLABS [HIGH TEMPERATURE FULLY VITRIFIED CERAMIC MATERIAL Not Screened]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... UNK

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The final product (ceramic porcelain tiles and slabs for floor and walls, for internal and external use), are inert and fully vitrified. Ceramic porcelain tiles are fired at high temperature (1.225 °C or 2.237 °F)

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: VOC emissions certificate

VOC emissions: GreenGuard

Management: ISO 9001

Recycled content: Recycled content certification

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2018-09-12

PUBLISHED DATE: 2020-02-18

EXPIRY DATE: 2021-09-12



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

PORCELAIN CERAMIC TILES AND SLABS

PRODUCT THRESHOLD: Other

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Individual ingredients used to formulate the product (like clay, sand, feldspar, colours for the body) undergo both physical and chemical reactions that form the final fired, greificated and vitrified ceramic product.

OTHER PRODUCT NOTES: Mirage ceramic tiles and slabs are manufactured with high-temperature firing process. The final product is fully vitrified. Water absorption of Mirage porcelain stoneware is classified in the lowest class: Bla (less than 0,5%), based on ISO 13006 (annex G) International standards.

HIGH TEMPERATURE FULLY VITRIFIED CERAMIC MATERIAL

ID: Not Registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2018-09-12

#: 100.00 - 100.00

GS: Not Screened

RC:

NANO:

ROLE: The final product is fully vitrified, fired at high temperature (1.225 °C or 2.237 F°)

None

No

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: The final products (ceramic porcelain tiles and slabs for floors and walls, for internal and external use), are inert and fully vitrified

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

VOC emissions certificate

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2015-** EXPIRY DATE: **2020-** CERTIFIER OR LAB: **Main**
APPLICABLE FACILITIES: **Mirage Granito Ceramico spa** **09-09** **09-09** **Laboratory Sassuolo**
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: **certificate n° 3644-2015 applicable to Mirage porcelain stoneware**

VOC EMISSIONS

GreenGuard

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2014-** EXPIRY DATE: CERTIFIER OR LAB: **UL**
APPLICABLE FACILITIES: **Mirage Granito Ceramico spa** **05-20**
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: **low chemical - VOC emissions**

MANAGEMENT

ISO 9001

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2015-** EXPIRY DATE: **2018-** CERTIFIER OR LAB: **DNV-GL**
APPLICABLE FACILITIES: **Mirage Granito Ceramico spa, Via Giardini Nord 225 41026 Pavullo nel Frignano (MO) Italy** **11-28** **11-28**
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: **scope: design, manufacture and sale of porcelain stoneware ceramic tiles**

RECYCLED CONTENT

Recycled content certification

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2015-** EXPIRY DATE: **2021-** CERTIFIER OR LAB: **DNV-GL**
APPLICABLE FACILITIES: **Mirage Granito Ceramico spa** **09-01** **09-17**
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: **pre-consumer recycled material certification by DNV-GL**

LCA

PEF - Product Environmental Footprint

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2017-** EXPIRY DATE: CERTIFIER OR LAB: **DNV-GL**
APPLICABLE FACILITIES: **Mirage Granito Ceramico spa, Via Giardini Nord 225 - 41026 Pavullo N/F (MO) - ITALY** **03-30**
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES:

LCA

FDES - Fiche de Declaration Environnementale et Sanitaire

CERTIFYING PARTY: **Third Party**
APPLICABLE FACILITIES: **Mirage Granito Ceramico
spa, Via Giardini nord 225 - 41026 Pavullo N/F
(MO) - ITALY**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: **2018-
02-01**

EXPIRY DATE:

CERTIFIER OR LAB: **Bureau
Veritas Codde / EVEA**

LCA

EPD

CERTIFYING PARTY: **Third Party**
APPLICABLE FACILITIES: **Mirage Granito Ceramico
Spa, Via Giardini Nord 225, 41026 Pavullo N/F
(Mo), Italy**

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

ISSUE DATE: **2018-
09-01**

EXPIRY DATE: **2023-
09-01**

CERTIFIER OR LAB: **DNV-GL**

+ 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

ISO 13006 Ceramic tiles - Terms and definitions 1) Ceramic tile Thin slab made from clays and/or other inorganic raw materials, generally used as covering for floors and walls, usually shaped by extruding (A) or pressing (B) at room temperature, then dried and subsequently fired at temperatures sufficient to develop the required properties. Tiles may be glazed (GL) or unglazed (UGL); they are incombustible and are not affected by light. 2) Porcelain tile Fully vitrified tile with water absorption coefficient less than or equal to a mass fraction of 0,5 %, belonging to groups Ala and Bla



MANUFACTURER INFORMATION

MANUFACTURER: **Mirage Granito Ceramico spa**
 ADDRESS: **via Giardini Nord 225**
Pavullo nel Frignano MO 41026, Italy
 WEBSITE: **www.mirage.it**

CONTACT NAME: **Simone Bagni**
 TITLE: **quality manager**
 PHONE: **+39 0536 29611**
 EMAIL: **s.bagni@mirage.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	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
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 Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

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

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

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

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

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