

CLASSIFICATION: IN CONFORMITY WITH ANSI 137.1-2012 (PORCELAIN TILE) AND ISO 13006 - ANNEX G GROUP BIA

created via: HPDC Online Builder

PRODUCT DESCRIPTION: PORCELAIN STONWARE , PRESSED, WATER ABSORPTION LESS THAN 0,5%, FOR FLOORS AND WALLS, FOR INTERNAL AND EXTERNAL USE

Section 1: Summary

CONTENT INVENTORY

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

- Residuals and impurities considered in 0 of 1 materials
- see Section 2: Material Notes
 - see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	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.

Number of Greenscreen BM-4/BM3 contents..... 0
 Contents highest concern GreenScreen Benchmark or List translator Score..... LT-P1
 Nanomaterial..... No

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

PORCELAIN CERAMIC TILES AND SLABS [SILICA, AMORPHOUS LT-P1 SILICA, VITREOUS LT-UNK MULLITE (AL6O5(SIO4)2) LT-UNK]

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

VOC emissions: VOC emissions certificate
 Recycled content: Recycled Content Certification
 Management: ISO 9001
 Management: CE Marking

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: March 27, 2017	EXPIRY DATE*: March 27, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: March 29, 2017	* or within 3 months of significant change in product contents

*See HPDC website for details



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

PORCELAIN CERAMIC TILES AND SLABS

%: 100.0000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes: The final product is fully vitrified, fired at high temperature (1225°C or 2237°F)

SILICA, AMORPHOUS

ID: 7631-86-9

%: 59.0000 - 69.0000

GS: LT-P1

RC: None

NANO: NO

ROLE: component of the final body

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: the final product is fully vitrified, fired at high temperature (1225°C or 2237°F)

SILICA, VITREOUS

ID: 11126-22-0

%: 22.0000 - 28.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: component of the final body

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: the final product is fully vitrified, fired at high temperature (1225°C or 2237°F)

MULLITE (AL6O5(SIO4)2)

ID: 1302-93-8

%: 8.0000 - 12.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: componet of the final body

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: the final product is fully vitrified, fired at high temperature (1225°C or 2237°F)



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.

RECYCLED CONTENT

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Ceramiche Keope, via Canale, 67 - 42013 Casalgrande (RE) - ITALY
CERTIFICATE URL: <https://www.keope.com/storage/sito1//en/Company/keope-2015-09-04-1-247r4ga-cc-6.pdf>
CERTIFICATION AND COMPLIANCE NOTES: scope: pre-consumer recycled material certification by DNV - GL

Recycled Content Certification

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2015-09-01	2018-09-18	DNV-GL

MANAGEMENT

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Ceramiche Keope, via Canale, 67 - 42013 Casalgrande (RE) - ITALY
CERTIFICATE URL: <https://www.keope.com/storage/sito1//en/Company/keope-iso9001-6.pdf>
CERTIFICATION AND COMPLIANCE NOTES: scope: design, manufacture and sale of porcelain stoneware ceramic tiles

ISO 9001

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2015-11-28	2018-09-15	DNV-GL

VOC EMISSIONS

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Ceramiche Keope, via Canale, 67 - 42013 Casalgrande (RE) - ITALY
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: certificate nr. 3631/2015 applicable to Ceramiche Keope porcelain stoneware

VOC emissions certificate

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
2015-09-23	2020-09-22	Main Laboratory Sassuolo

MANAGEMENT

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Ceramiche Keope, via Canale, 67 - 42013 Casalgrande (RE) - ITALY
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: Ceramiche Keope declares that the product meets all the legal requirements for CE marking and can be sold throughout the EEA. This means that products have been assessed to meet high safety, health, and environmental protection requirements.

CE Marking

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
0000-00-00	0000-00-00	

MANAGEMENT

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Ceramiche Keope, via Canale, 67 - 42013 Casalgrande (RE) - ITALY
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: The Declaration of Performance provides information on the performance of the product. It helps increase transparency.

Declaration of Performance - DOP

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
0000-00-00	0000-00-00	

MANAGEMENT

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Ceramiche Keope, via Canale, 67 - 42013 Casalgrande (RE) - ITALY
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: The BASTA system focuses on hazardous substances in construction and building products. Products are assessed according their chemical ingredients. BASTA is developed for use in the Swedish market.

BASTA

ISSUE DATE:	EXPIRY DATE:	CERTIFIER OR LAB:
0000-00-00	0000-00-00	



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.

INSTALLATION, CLEANING AND CARE OF KEOPE PRODUCTS

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: To achieve the best from a KEOPE product and appreciate all its unique characteristics, first of all choose the right product for the intended use then make sure that tiles are correctly installed: the floor is a real system and the correct installation, in accordance to the rules of the trade, of its single elements (floor slab, tiles, adhesives, expansion joints, joints between tiles, etc.) determines the quality of the final result.

1. INSTALLATION

1.1 Choose the material to install, define the installation pattern, the dimensions and the colour of the grouting joints.

1.2 Leave grouting joints with a minimum size of 2 or 3 mm. If you are installing different modular sizes, make sure that installation is possible before laying material (leave grouting joints with a minimum size of 4 or 5 mm).

1.3 KEOPE porcelain stoneware can be installed with adhesives and glue manufactured for porcelain stoneware.

1.4 Install in accordance to the rules of the trade, following the instructions of the architect and person in charge of the work site, and in accordance to the installation specifications.

1.5 For better management of the work site activities, take into account the processing time of all materials used and follow the instructions of manufacturers.

1.6 Place a few square meters on the floor to check the size, tone and grade.

1.7 Check material before installation. Claims relating to material that has already been installed will not be accepted.

1.8 During work site activities, protect the surface of installed material (especially if surface is lapped) with sheets of cardboard or other suitable materials.

2. GROUTING

2.1 Fill the grouting joints after the surface can be walked on. Before filling, remove any debris or dirt from the joints.

2.2 Apply grout in accordance to the rules of the trade, following the instructions of the architect and person in charge of the work site, and following the installation specifications.

2.3 If you are using epoxy-based grout or grout containing additives (latex, etc.), following the instructions of the manufacturer. These products harden more rapidly and therefore call for greater attention.

3. WASHING AFTER INSTALLATION

Washing after installation is an essential stage for all subsequent activities and for proper care of the floor. If this operation is not performed correctly, the floor may feature stains or matt marks. Furthermore it will soil more easily because residues of installation materials hold back dirt. By means of acid washing, you can remove residues of installation materials or work site dirt, such as: mortar, adhesive, paint, various types of dirt. Before performing this operation, protect the grouting material used in the joints by moistening the latter with water. Unless otherwise indicated by the manufacturer of the grout, as far as grout without additives is concerned, after-installation cleaning must be performed after 4-5 days, when the grout has dried. Do not wait too long: if too much time passes since the joints have dried, residues will be much more difficult to remove. Never use detergents containing hydrofluoric acid. This is the only acid that may permanently damage the surface of the tile. Follow the indications provided in the cleaning and maintenance tables for KEOPE products with a natural, structured or lapped finish.



Section 5: General Notes

ISO 13006 Ceramic Tiles - Definitions, classification, characteristics and marking

TERMS AND DEFINITIONS:

1) CERAMIC TILE: this slab made from clays and/or other inorganic raw materials, generally used as covering for floors and walls, usually shaped by extruding or pressing at room temperature, then dried and subsequently fired at temperature 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 or equal to a mass fraction of 0,5%, belonging to group A1a and B1a.



MANUFACTURER INFORMATION

MANUFACTURER: Ceramiche Keope

CONTACT NAME: Enrico Bergamaschi

ADDRESS: STRADA STATALE 467 NR.21
CASALGRANDE , REGGIO EMILIA 42013
ITALY

TITLE: Research & Development Manager

PHONE: +39 0522 997511

WEBSITE: www.keope.com

EMAIL: e.bergamaschi@keope.com

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) BM-2 Benchmark 2 (use but search for safer substitutes) | LT-1 List Translator Likely Benchmark 1 |
| BM-1 Benchmark 1 (avoid - chemical of high concern) | LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) |
| BM-U Benchmark Unspecified (insufficient data to benchmark) | UNK Unknown (no data on List Translator Lists) |

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

- Nano** Composed of nanoscale particles or nanotechnology

Declaration Level

- Self-declared** Manufacturer's self-declaration (First Party)
- Independent Lab** Manufacturer's self-declaration using results from an independent lab
- Second Party** Verification by trade association or other interested party
- Third Party** Verification by independent certifier
- 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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

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

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.