

CLASSIFICATION: 09 30 13.00 Finished: Ceramic Tiling

PRODUCT DESCRIPTION: Italgraniti tiles are dry-pressed ceramic with water absorption lower 0,5%, manufactured using high temperature kiln firing process. They are a mixture of predominantly clay, sand, other natural occurring minerals that have been mixed with water. As floor and wall coverings they are realized in wide range of colors, sizes and shapes. Ceramics tiles are resistant to fire and helps to make healthy indoor environment as they do not release volatile organic substances or other pollutants. Information on ITALGRANITIGROUP tiles product can be found on the following website: <https://www.italgranitigroup.com>

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
All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No
All substances disclosed by Name (Specific or Generic) and 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.

MATERIAL | **SUBSTANCE** | *RESIDUAL OR IMPURITY*

GREENSCREEN SCORE | HAZARD TYPE

ITALGRANITI PORCELAIN TILES BY ITALGRANITIGROUP S.P.A. [**KAOLIN CLAY** **LT-UNK** | CAN **TALC** **BM-1** | CAN **FELDSPAR** **LT-UNK** | RES **QUARTZ** **LT-1** | CAN **SILICA, VITREOUS (PRIMARY CASRN IS 60676-86-0)** **LT-1** | CAN]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

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

Multi-attribute: Environmental Product Declaration (EPD) by IBU (Arbeitsgemeinschaft Umweltverträgliches Bauprodukt E.V.(AUB)

Recycled content: BV Recycled Content Certification

Other: ISO 14001:2015 Environmental management systems

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

Yes

PREPARER: Self-Prepared

VERIFIER:

SCREENING DATE: 2019-04-19

PUBLISHED DATE: 2019-05-08



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, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

ITALGRANITI PORCELAIN TILES BY ITALGRANITIGROUP S.P.A.

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: The firing process transform the raw materials mixture into a chemical and phical structure where residues and impurities are not detectable. tiles do not release hazardous materials before and after installation and are not considered hazardous waste should disposal be necessary. Respiratory hand, and eyes protections must be needed to prevent exposure to airborne particulates if dust is produced by dry cutting tiles

OTHER PRODUCT NOTES:

KAOLIN CLAY

ID: 1332-58-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-04-19

#: 20.00 - 50.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Pre firing phase

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES:

TALC

ID: 14807-96-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-04-19

#: 15.00 - 35.00

GS: BM-1

RC: None

NANO: No

ROLE: Pre fired Phase

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES:

FELDSPAR

ID: 68476-25-5

%: **10.00 - 30.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Pre firing phase**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESPIRATORY**AOEC - Asthmagens****Asthmagen (Rs) - sensitizer-induced**

SUBSTANCE NOTES:

QUARTZID: **14808-60-7**%: **0.00 - 10.00**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Pre fired Phase**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER**IARC****Group 1 - Agent is Carcinogenic to humans****CANCER****US CDC - Occupational Carcinogens****Occupational Carcinogen****CANCER****CA EPA - Prop 65****Carcinogen - specific to chemical form or exposure route****CANCER****IARC****Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources****CANCER****US NIH - Report on Carcinogens****Known to be Human Carcinogen (respirable size - occupational setting)****CANCER****MAK****Carcinogen Group 1 - Substances that cause cancer in man****CANCER****New Zealand - GHS****6.7A - Known or presumed human carcinogens****CANCER****Japan - GHS****Carcinogenicity - Category 1A****CANCER****Australia - GHS****H350i - May cause cancer by inhalation**

SUBSTANCE NOTES:

SILICA, VITREOUS (PRIMARY CASRN IS 60676-86-0)ID: **1417404-62-6**%: **0.00 - 1.00**GS: **LT-1**RC: **None**NANO: **No**ROLE: **final product**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER**US CDC - Occupational Carcinogens****Occupational Carcinogen**

SUBSTANCE NOTES:

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

CERTIFYING PARTY: **Second Party**

ISSUE DATE: **2014-**

EXPIRY DATE:

CERTIFIER OR LAB: **Centro**

APPLICABLE FACILITIES: **Italgranitgroup**

11-05

Ceramico di Bologna

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Emission of Volatile Organic Compounds VOC Emission**

MULTI-ATTRIBUTE

Environmental Product Declaration (EPD) by IBU (Arbeitsgemeinschaft Umweltverträgliches Bauprodukt E.V.(AUB))

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2016-**

EXPIRY DATE: **2021-**

CERTIFIER OR LAB: **IBU**

APPLICABLE FACILITIES: **Italgraniti Group**

09-20

09-20

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Environmental Product Declaration (EPD) as for ISO 14025**

RECYCLED CONTENT

BV Recycled Content Certification

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2016-**

EXPIRY DATE: **2019-**

CERTIFIER OR LAB: **Bureau**

APPLICABLE FACILITIES: **Italgranitigroup**

09-06

09-05

Veritas

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Presence of pre-consumer recycled content by weight**

OTHER

ISO 14001:2015 Environmental management systems

CERTIFYING PARTY: **Third Party**

ISSUE DATE: **2010-**

EXPIRY DATE: **2022-**

CERTIFIER OR LAB: **DNV**

APPLICABLE FACILITIES: **Italgranitigroup**

02-08

02-08

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Enviromental Management System**

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.

VARIOUS INSTALLATION PRODUCTS

HPD URL: **NO HPD available**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

see Italgranitigroup website: <https://www.italgranitigroup.com> for Installation and maintenance instruction

Section 5: General Notes

All technical documents can be found at following website: <https://www.italgranitigroup.com>



MANUFACTURER INFORMATION

MANUFACTURER: **Italgraniti Group**
 ADDRESS: **Via Radici in Piano 355**
Casinalbo MODENA 41043, Italia
 WEBSITE: <https://www.italgranitigroup.com>

CONTACT NAME: **Bergamini Armando**
 TITLE: **Mr**
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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.