

Panariagroup Porcelain Tiles
by Panariagroup Industrie Ceramiche S.p.A.

SCREENING DATE: 2026-03-04
PUBLISHED DATE: 2026-03-04
EXPIRY DATE: 2029-03-04
PREPARER: Self-Prepared

Health Product
Declaration v3.0
created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 1278861312
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 09 30 13 Ceramic Tiling
PRODUCT TYPE: Ceramic (Tile)
PRODUCT DESCRIPTION: Dry-pressed ceramic tiles with water absorption less than 0,5% in accordance with ANSI A137.1 and ANSI 137.3, ISO 13006 and EN 14411. Composed of a very fine mixture of quality raw materials, manufactured by dry pressing of atomized powders and subsequently sintered by industrial firing at temperatures above 1200°C. The complete vitrification of the tiles allows for a compact, non-absorbent, frost-proof product, resistant to bending, impacts, staining, chemical attack and thermal shock. This Health Product Declaration is representative of all Panariagroup brands collections manufactured in the Italian facilities.

Section 1: SummaryBasic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format → Basic Method	Residuals/Impurities Evaluation → Completed	For all contents above the threshold, the manufacturer has:
Threshold Disclosed Per → Product	Explanation(s) provided : Yes	Characterized Provided weight and role. Yes
Threshold Level → 100 ppm		Screened Provided screening results using HPDC-approved methods. Yes
		Identified Provided name and CAS RN or other identifier. Yes

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 score(s) (BM-1, LT-1, LT-P1) ... LT-1, BM-1 Nanomaterial ... No
PRODUCT MATERIAL OR SUBSTANCE RESIDUAL OR IMPURITY GREENSCREEN SCORE HAZARD TYPE PANARIAGROUP PORCELAIN TILES SILICA, VITREOUS LT-1 CAN QUARTZ BM-1 CAN MAM GEN MULLITE (AL6O5(SIO4)2) LT-UNK FIBERGLASS LT-UNK FELDSPAR LT-UNK MAM ZIRCONIUM SILICATE BM-2	INVENTORY AND SCREENING NOTES: Ceramic porcelaine tiles and slabs are inert and fully vitrified as result of firing process at temperatures above 1200°C. Ceramic tile is considered one component resulting from the reactions inside the high temperature kiln-firing process. No warnings or hazards are associated with the final, intact finished product.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.	COMPLIANCE See Section 3 for additional listings. VOC emissions: UL/GreenGuard Gold Certified LCA: Environmental Product Declaration (EPD) Management: ISO 9001:2015 Quality management systems Management: Eco-Management and Audit Scheme (EMAS) Registration
	CONSISTENCY WITH OTHER PROGRAMS Pre-checked for LEED v4 Option 1. Pre-checked for LEED v4.1 Option 1.

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

PANARIAGROUP PORCELAIN TILES

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: The vitrification process in the high temperature kiln makes the ceramic tile as a single component. All residuals are firmly bound within the vitrified matrix and therefore do not pose a risk of exposure or emission during normal use. No warnings or hazards are associated with the final, finished product.

OTHER PRODUCT NOTES: The finished product is odorless, non-flammable, do not release hazardous materials after installation, and pose no immediate hazard to health and environment. For more infomations please see Safety Data Sheet available on Panariagroup brands websites (Lea Ceramiche, Cotto d'Este, Panaria Ceramica)

SILICA, VITREOUSID: 60676-86-0

HAZARD DATA SOURCE:Pharos Chemical and Materials LibraryHAZARD SCREENING DATE:2026-03-04 3:29:21

%:65.0000 - 70.0000GreenScreen:LT-1RC:NoneNANO:NoSUBSTANCE ROLE: Ceramic body

HAZARD TYPELIST NAME AND SOURCEWARNINGS

CANUS CDC - Occupational CarcinogensOccupational Carcinogen

ADDITIONAL LISTINGSLIST NAME AND SOURCENOTIFICATION

None foundNo listings found on Additional Hazard Lists

SUBSTANCE NOTES:

QUARTZID: 14808-60-7

HAZARD DATA SOURCE:Pharos Chemical and Materials LibraryHAZARD SCREENING DATE:2026-03-04 3:29:21

%:20.0000 - 30.0000GreenScreen:BM-1RC:NoneNANO:NoSUBSTANCE ROLE: Ceramic body

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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: Installation activities involving cutting, shaping, engraving or any other process which could lead to the release of dust traceable to the matrix of the article, it may generate crystalline silica powder (SiO2) in the form of quartz. We recommend wet cutting or the score and snap method during the installation process. Improper installation techniques could expose installer to inhalation of harmful silica dust (SiO2). Do not dry cut using power tools during the installation process. Using dry cutting methods could present a risk of acute lung injury. If adequate ventilation cannot be achieved, wear a mask or respirator.

MULLITE (AL6O5(SiO4)2)ID: 1302-93-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-03-04 3:29:22	
%: 5.0000 - 10.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Ceramic body
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:		

FIBERGLASS

ID: 65997-17-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-03-04 3:29:22		
%: 0.0000 - 5.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Glass component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	European Union / European Commission (EU EC)		EU - REACH Exemptions Exempted from REACH Annex V listing due to intrinsic safety	
SUBSTANCE NOTES: Fiberglass is applied to the back of the ceramic slabs of 3, 5 or 6 mm thickness with polyurethane adhesive. Once fully hardened (polymerized), the polyurethane adhesive is considered safe, inert, and non-toxic.				

FELDSPAR

ID: 68476-25-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-03-04 3:29:22		
%: 1.0000 - 5.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Ceramic body
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:				

ZIRCONIUM SILICATE

ID: 10101-52-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-03-04 3:29:21		
%: 0.0000 - 1.5000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Ceramic body
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES:

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	UL/GreenGuard Gold Certified	
COMPLIANCE TYPE: Third Party CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: UL COMPLIANCE DETAILS: COMPLIANCE SCOPE: APPLICABLE FACILITIES: Panariagroup Industrie Ceramiche SpA - Via Panaria Bassa 22/a, Finale Emilia (MO) Italy - Via dell'Industria 13, Fora di Cavola (RE) Italy - Via Cameazzo 21, Fiorano Modenese (MO) Italy COMPLIANCE URL: https://spot.ul.com/ COMPLIANCE NOTES: Panariagroup Porcelain Tiles are manufactured by firing at temperature above 1200°C so they are inherently non-emitting materials and do not release significant Volatile Organic Compounds (VOCs).	ISSUE DATE: 2019-10-18	EXPIRY DATE: 2026-09-30
LCA	Environmental Product Declaration (EPD)	
COMPLIANCE TYPE: Third Party CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: EPD Italy COMPLIANCE DETAILS: COMPLIANCE SCOPE: APPLICABLE FACILITIES: Panariagroup Industrie Ceramiche SpA - Via Panaria Bassa 22/a, Finale Emilia (MO) Italy - Via dell'Industria 13, Fora di Cavola (RE) Italy - Via Cameazzo 21, Fiorano Modenese (MO) Italy COMPLIANCE URL: https://www.epditaly.it/ COMPLIANCE NOTES: The Environmental Product Declaration (EPD) communicates the environmental performances of Panaraigroup porcelain tile through a Life Cycle Assessment (LCA) cradle to grave. Panaraigroup has several type III specific EPD based on thickness, certified by an independent third party according to EN 14025 and EN 15804 standards (applicable PCR).	ISSUE DATE: 2024-07-17	EXPIRY DATE: 2029-07-17
MANAGEMENT	ISO 9001:2015 Quality management systems	
COMPLIANCE TYPE: Third Party CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Certiquality COMPLIANCE DETAILS: COMPLIANCE SCOPE: Facility APPLICABLE FACILITIES: Panariagroup Industrie Ceramiche SpA - Via Panaria Bassa 22/a, Finale Emilia (MO) Italy - Via dell'Industria 13, Fora di Cavola (RE) Italy - Via Cameazzo 21, Fiorano Modenese (MO) Italy COMPLIANCE URL: https://www.panariagroup.it/en/certifications/ COMPLIANCE NOTES:	ISSUE DATE: 2003-09-23	EXPIRY DATE: 2027-06-27
MANAGEMENT	Eco-Management and Audit Scheme (EMAS) Registration	

COMPLIANCE TYPE: Third Party

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Comitato

Ecolabel - Sezione EMAS Italia

COMPLIANCE DETAILS:

COMPLIANCE SCOPE: Facility

APPLICABLE FACILITIES: Panariagroup Industrie

Ceramiche SpA - Via Panaria Bassa 22/a, Finale Emilia

(MO) Italy - Via dell'Industria 13, Fora di Cavola (RE) Italy -

Via Cameazzo 21, Fiorano Modenese (MO) Italy

COMPLIANCE URL:

https://www.panariagroup.it/en/certifications/

COMPLIANCE NOTES: The EU EMAS Eco-Management

and Audit Scheme for organisations requires the creation of

a complete system of environmental management based on

constant improvement.

ISSUE DATE: 2005-04-14

EXPIRY DATE: 2028-06-27

RECYCLED CONTENT	Recycled Content Certification	
COMPLIANCE TYPE: Third Party CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Certiquality COMPLIANCE DETAILS: COMPLIANCE SCOPE: Product APPLICABLE FACILITIES: Panariagroup Industrie Ceramiche SpA - Via Panaria Bassa 22/a, Finale Emilia (MO) Italy - Via dell'Industria 13, Fora di Cavola (RE) Italy - Via Cameazzo 21, Fiorano Modenese (MO) Italy COMPLIANCE URL: https://www.panariagroup.it/en/certifications/ COMPLIANCE NOTES: Third party certification related to the contents of recycled pre-consumer material.	ISSUE DATE: 2009-07-28	EXPIRY DATE: 2027-07-27
MANAGEMENT	ISO 14001:2015 Environmental management systems	
COMPLIANCE TYPE: Third Party CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Certiquality COMPLIANCE DETAILS: COMPLIANCE SCOPE: Facility APPLICABLE FACILITIES: Panariagroup Industrie Ceramiche SpA - Via Panaria Bassa 22/a, Finale Emilia (MO) Italy - Via dell'Industria 13, Fora di Cavola (RE) Italy - Via Cameazzo 21, Fiorano Modenese (MO) Italy COMPLIANCE URL: https://www.panariagroup.it/en/certifications/ COMPLIANCE NOTES:	ISSUE DATE: 2003-09-24	EXPIRY DATE: 2027-06-27

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

This document covers all Panariagroup's products manufactured out in the italian facilities and marketed under brands: Cotto d'Este, Lea Ceramiche, Panaria Ceramica, Love Tiles, Margres and Florida Tile. Including those with and without a fiberglass mesh.

MANUFACTURER INFORMATION

MANUFACTURER: **Panariagroup Industrie Ceramiche S.p.A.**
ADDRESS: **Via Panaria Bassa, 22/A**
Finale Emilia, Modena 41034
COUNTRY: **Italia**

WEBSITE: **<https://www.panariagroup.it/en/>**
CONTACT NAME: **Marco Levoni**
TITLE: **Quality Manager**
PHONE: **0039053595111**
EMAIL: **marco.levoni@panariagroup.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

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U 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, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

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 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.