

HPD UNIQUE IDENTIFIER: 1299396608

CLASSIFICATION: 09 30 13 Ceramic Tiling

PRODUCT DESCRIPTION: Porcelain stoneware tiles, with water absorption less than 0.5% in accordance with ANSI 137.1

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i>
<input type="radio"/> Nested Materials Method	<input type="radio"/> 100 ppm	<input type="radio"/> Completed	Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input checked="" type="radio"/> 1,000 ppm	<input type="radio"/> Partially Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input checked="" type="radio"/> Not Completed	Screened <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input checked="" type="radio"/> Yes <input type="radio"/> No
			<i>Provided name and CAS RN or other identifier.</i>

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.

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

PANARIAGROUP USA PORCELAIN TILES [SILICON DIOXIDE BM-1 | CAN | MAM ALUMINUM OXIDE BM-2 | MAM POTASSIUM OXIDE BM-2 | FERRIC OXIDE BM-1 | CAN | MAM SODIUM OXIDE BM-2 | TITANIUM DIOXIDE BM-1 | CAN | END | MAM CALCIUM OXIDE (PRIMARY CASRN IS 1305-78-8) BM-2 | SKI | MAM | EYE MAGNESIUM OXIDE BM-3dg | CAN | MAM ZINC OXIDE BM-1 | END | MUL | AQU | MAM | REP STRONTIUM OXIDE LT-UNK | C.I. PIGMENT RED 231 LT-UNK | FRITS, CHEMICALS LT-P1 | MUL SODIUM SILICATE LT-P1 | END | SKI | EYE ZIRCON (ZR(SIO4)) BM-2]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... BM-1, LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

"Ceramic" is regarded as a special condition by the HPD collaborative and not screened. Ceramic tile is considered as a single component resulting from the vitrification process in the high temperature kiln process. Since individual chemical components are not made available from the finished product, residuals and impurities have no separate impact in the preparation of this HPD. No warnings or hazards are associated with the final, finished product.

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: UL/GreenGuard Gold Certified

Sustainability: Green Squared Certification

: Environmental Product Declaration (EPD) by UL - Industry Generic

: BVI 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: 2023-10-26

PUBLISHED DATE: 2023-11-01

EXPIRY DATE: 2026-10-26

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

PANARIAGROUP USA PORCELAIN TILES

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

RESIDUALS AND IMPURITIES NOTES: Florida Tile porcelain tiles do not contain any hazardous residuals and/or impurities. Individual chemical components are not made available from the finished product, residuals and impurities have no separate impact in the preparation of this HPD. No hazards are associated with the final, finished product.

OTHER PRODUCT NOTES: During the manufacturing Process a combination of high pressure in the pressing process and very high temperatures in the firing process create chemical and physical reactions in these materials, obtaining a fully vitrified porcelain tile product.

SILICON DIOXIDE

ID: 7631-86-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2023-11-01 9:30:48

%: 50.0000 - 70.0000

GreenScreen: BM-1

RC: PreC

NANO: No

SUBSTANCE ROLE: Ceramic body

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials

SUBSTANCE NOTES: Pre consumer recycled material can be used for this substance. Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

ALUMINUM OXIDE

ID: 1344-28-1

%: **5.0000 - 20.0000**GreenScreen: **BM-2**RC: **PreC**NANO: **No**SUBSTANCE ROLE: **Ceramic body**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products

SUBSTANCE NOTES: Pre consumer recycled material can be used for this substance. Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

POTASSIUM OXIDEID: **12136-45-7**%: **0.0000 - 10.0000**GreenScreen: **BM-2**RC: **PreC**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: Pre consumer recycled material can be used for this substance. Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

FERRIC OXIDEID: **1309-37-1**%: **0.0000 - 10.0000**GreenScreen: **BM-1**RC: **PreC**NANO: **No**SUBSTANCE ROLE: **Ceramic body**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Pre consumer recycled material can be used for this substance. Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

SODIUM OXIDE

ID: 1313-59-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-11-01 9:51:44		
%: 0.0000 - 10.0000	GreenScreen: BM-2	RC: PreC	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: Pre consumer recycled material can be used for this substance. Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-11-01 9:53:50		
%: 0.0000 - 5.0000	GreenScreen: BM-1	RC: PreC	NANO: No	SUBSTANCE ROLE: Ceramic body

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	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	IARC	Group 2b - Possibly carcinogenic to humans
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL) Colorants - Green Circle (Verified Low Concern)

SUBSTANCE NOTES: Pre consumer recycled material can be used for this substance. Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

%: 0.0000 - 5.0000	GreenScreen: BM-2	RC: PreC	NANO: No	SUBSTANCE ROLE: Ceramic body
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]		
SKI	GHS - New Zealand	Skin corrosion category 1C		
EYE	GHS - New Zealand	Serious eye damage category 1		
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]		
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]		
EYE	GHS - Australia	H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials		

SUBSTANCE NOTES: Pre consumer recycled material can be used for this substance. Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

MAGNESIUM OXIDE

ID: 1309-48-4

%: 0.0000 - 1.0000	GreenScreen: BM-3dg	RC: PreC	NANO: No	SUBSTANCE ROLE: Ceramic body
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Pre consumer recycled material can be used for this substance. Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

ZINC OXIDE

ID: 1314-13-2

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2023-11-01 9:57:03**

%: **0.0000 - 1.0000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Glaze**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
AQU	GHS - Japan	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Japan	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - Australia	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1
REP	GHS - Japan	H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]
AQU	GHS - Malaysia	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
AQU	GHS - Malaysia	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Biological and Environmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products

SUBSTANCE NOTES: Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

STRONTIUM OXIDE

ID: 1314-11-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-11-01 9:58:52**

#: **0.0000 - 0.5000** 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: Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

C.I. PIGMENT RED 231

ID: 68186-99-2

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-11-01 10:07:54**

#: **0.0000 - 0.5000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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: Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

FRITS, CHEMICALS

ID: 65997-18-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-11-01 10:10:48**

%: **0.0000 - 0.5000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Glaze**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

SODIUM SILICATE

ID: 1344-09-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2023-11-01 10:19:41**

%: **0.0000 - 0.5000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Ceramic body**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	GHS - New Zealand	Skin corrosion category 1C
EYE	GHS - New Zealand	Serious eye damage category 1
SKI	GHS - Australia	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials

SUBSTANCE NOTES: Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2023-11-01 10:21:10**%: **0.0000 - 0.1000**GreenScreen: **BM-2**RC: **None**NANO: **No**SUBSTANCE ROLE: **Pigment**

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: Range due to variations in product family. Hazard associated with occupational/manufacturing use only. It is not associated with the end use of the final fired product that is purchased, installed and used by the customer. Panariagroup USA porcelain tiles are classified as "Inert" and are "Fully Vetrified", so there are not dangerous for human health.

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

UL/GreenGuard Gold Certified

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Florida Tile - 1247 Alton Road
Lawrenceburg KY 40342
CERTIFICATE URL: <https://spot.ul.com>

ISSUE DATE: 2017-09-17
EXPIRY DATE: 2024-11-18

CERTIFIER OR LAB: UL
Environment

CERTIFICATION AND COMPLIANCE NOTES: This study was conducted using a UL Environment's GREENGUARD test method following the requirements of GREENGUARD Certification program. The product was monitored for emissions of total volatile organic compounds (TVOC), formaldehyde, target list aldehydes, and other individual volatile organic compounds (VOCs) over a 168 hour exposure period. These emissions were measured and the resultant air concentrations were determined for each of the potential pollutants.

SUSTAINABILITY

Green Squared Certification

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Florida Tile - 1247 Alton Road
Lawrenceburg KY 40342
CERTIFICATE URL: <https://spot.ul.com>

ISSUE DATE: 2017-11-17
EXPIRY DATE: 2023-12-09

CERTIFIER OR LAB: UL
Environment

CERTIFICATION AND COMPLIANCE NOTES: ANSI 138.1

LCA

Environmental Product Declaration (EPD) by UL - Industry Generic

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Florida Tile - 1247 Alton Road
Lawrenceburg KY 40342
CERTIFICATE URL: <https://spot.ul.com>

ISSUE DATE: 2019-10-24
EXPIRY DATE: 2025-04-01

CERTIFIER OR LAB: UL
Environment

CERTIFICATION AND COMPLIANCE NOTES:

RECYCLED CONTENT

BVI Recycled Content Certification

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Florida Tile - 1247 Alton Road
Lawrenceburg KY 40342
CERTIFICATE URL: <https://www.floridatile.com/recycling/>

ISSUE DATE: 2014-10-01
EXPIRY DATE: 2026-09-03

CERTIFIER OR LAB: Bureau Veritas

CERTIFICATION AND COMPLIANCE NOTES:

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.

ADHESIVES

MANUFACTURER (OR GENERIC): Generic

HPD URL: No HPD available
ACCESSORY TYPE: Adhesive

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Accessory materials are required for all bedded installations. VOC content of various mortars and grouts depends on the product selected.

Section 5: General Notes

Panariagroup USA Inc porcelain tiles are marketed under brands Panaria USA, Florida Tile, Lea USA. LEED data sheets for all Panariagroup USA products are available upon request, according to LEED V4.

MANUFACTURER INFORMATION

MANUFACTURER: Panariagroup Industrie Ceramiche S.p.A.
ADDRESS: 1247 ALTON ROAD
 Lawrenceburg, Kentucky 40342
COUNTRY: USA

WEBSITE: www.floridatile.com
CONTACT NAME: Alvaro Hidalgo
TITLE: Quality and Technical Services Manager
PHONE: 5023536059
EMAIL: alvaro.hidalgo@floridatile.com

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 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

