

HPD UNIQUE IDENTIFIER: 28335

CLASSIFICATION: 09 30 13 Ceramic Tiling

PRODUCT DESCRIPTION: Over 50% of the Recycled Clay Body is made from recycled content including post-consumer recycled material and pre-consumer recycled granite dust. In addition, we recycle our own tile and glaze. The clay body is made of raw materials sourced in the USA and every tile is handcrafted at our Aromas, CA factory. All of our tiles are 100% VOC free and all of our glazes are 100% lead-free. As with all handmade tile, some degree of color variation is expected. Our ceramic tile is stoneware tile, which differs from porcelain in the coarseness of the clay, the lower firing temperature, and overall porosity. Our ceramic tile has a class A fire rating, is durable and is extremely easy to maintain. If maintained properly, our tile can be enjoyed for a lifetime.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format ☐ Nested Materials Method ☒ Basic Method	Threshold Level ☒ 100 ppm ☐ 1,000 ppm ☐ Per GHS SDS ☐ Other	Residuals/Impurities ☒ Considered ☐ Partially Considered ☐ Not Considered Explanation(s) provided for Residuals/Impurities? ☒ Yes ☐ No	<i>All Substances Above the Threshold Indicated Are:</i> Characterized ☐ Yes Ex/SC ☒ Yes ☐ No <i>% weight and role provided for all substances.</i> Screened ☐ Yes Ex/SC ☒ Yes ☐ No <i>All substances screened using Priority Hazard Lists with results disclosed.</i> Identified ☐ Yes Ex/SC ☒ Yes ☐ No <i>All substances disclosed by Name (Specific or Generic) and Identifier.</i>
Threshold Disclosed Per ☐ Material ☒ Product			

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
FIRECLAY TILE - RECYCLED CERAMIC TILE [SILICA, AMORPHOUS BM-1 | CAN ALUMINUM OXIDE BM-2 | RES FRITS, CHEMICALS (UNLEADED) LT-P1 | MUL FERRIC OXIDE BM-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:

"Ceramic" is regarded as a special condition by the HPD collaborative and not screened. Ceramic Tile is considered as a single component resulting from chemical and physical reactions from the high temperatures reached in the kiln. 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: Environmental Product Declaration (EPD) by UL - Industry Generic

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified? ☐ Yes ☒ No	PREPARER: Self-Prepared VERIFIER: VERIFICATION #:	SCREENING DATE: 2022-04-25 PUBLISHED DATE: 2022-04-25 EXPIRY DATE: 2025-04-25
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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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

FIRECLAY TILE - RECYCLED CERAMIC TILE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: "Ceramic" is regarded as a special condition by the HPD collaborative and not screened. Ceramic tile is considered a single component created by the high temperature in the kiln. Ceramic tile does not have residuals or impurities in the finished product. There are no warnings or hazards for ceramic tile.

OTHER PRODUCT NOTES: During the high temperature firing in the kiln, ceramic tile is created as a single component. There are no warnings or hazards for ceramic tile. There are no volatile organic compounds, VOC's.

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-04-25 13:44:15			
%: 45.0000 - 55.0000		GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Ceramic body
HAZARD TYPE	AGENCY AND LIST TITLES		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]		
SUBSTANCE NOTES: Due to the high temperature firing in the kiln, the finished product is inert and poses no risk.					

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-04-25 13:44:16			
%: 15.0000 - 25.0000		GS: BM-2	RC: Both	NANO: No	SUBSTANCE ROLE: Oxidizing agent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
RES	AOEC - Asthmagens		Asthmagen (Rs) - sensitizer-induced		
SUBSTANCE NOTES: Due to the high temperature firing in the kiln, the finished product is inert and poses no risk.					

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-04-25 13:44:16		
%: 5.0000 - 15.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Glass component
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters	
SUBSTANCE NOTES: Due to the high temperature firing in the kiln, the finished product is inert and poses no risk.				

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-04-25 13:44:17		
%: 2.0000 - 3.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Ceramic body
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
SUBSTANCE NOTES: Due to the high temperature firing in the kiln, the finished product is inert and poses no risk.				

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

Environmental Product Declaration (EPD) by UL - Industry Generic

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: Aromas, CA.

CERTIFICATE URL:

[https://spot.ulprospector.com/en/na/BuiltEnvironment/Detail/32607/693679/Ceramic-](https://spot.ulprospector.com/en/na/BuiltEnvironment/Detail/32607/693679/Ceramic-Tile-Made-in-North-America?st=1&sl=62551949&crit=a2V5d29yZDpbdGNuYV0%3d&ss=2&k=tcna&t=tcna)

[Tile-Made-in-North-America?](https://spot.ulprospector.com/en/na/BuiltEnvironment/Detail/32607/693679/Ceramic-Tile-Made-in-North-America?st=1&sl=62551949&crit=a2V5d29yZDpbdGNuYV0%3d&ss=2&k=tcna&t=tcna)

[st=1&sl=62551949&crit=a2V5d29yZDpbdGNuYV0%3d&ss=2&k=tcna&t=tcna](https://spot.ulprospector.com/en/na/BuiltEnvironment/Detail/32607/693679/Ceramic-Tile-Made-in-North-America?st=1&sl=62551949&crit=a2V5d29yZDpbdGNuYV0%3d&ss=2&k=tcna&t=tcna)

ISSUE DATE:

2014-10-24

EXPIRY DATE:

2019-10-24

CERTIFIER OR LAB: UL

Environment Inc.

Industry Wide EPD

CERTIFICATION AND COMPLIANCE NOTES: The EPD is an industry wide certificate for tile made in North America. Ceramic Tile does not give off VOCs.

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.

MORTAR AND GROUT

HPD URL: No HPD Available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Accessory materials are required for all installations. VOC content of mortar and grout varies depending on the product selected.

Section 5: General Notes

Fireclay Tile's Recycled Body Ceramic Tile does not contain any volatile organic compounds, VOC's. Fireclay Tile recycles our own tile and glaze waste and reincorporates it into our Recycled Clay Body Ceramic Tile. The Recycled Clay Body may qualify for LEED points: MR 4.1/4.2: Recycled Content (1–2 points), MR 5.1/5.2: Regional Materials (2 points), and EQ 4.2: Low-Emitting Materials (1 point). "Ceramic" is regarded as a special condition by the HPD collaborative and not screened. Ceramic Tile is considered as a single component resulting from chemical and physical reactions from the high temperatures reached in the kiln. No warnings or hazards are associated with the final, finished product.

MANUFACTURER INFORMATION

MANUFACTURER: Fireclay Tile
ADDRESS: 521 Quarry Rd
Aromas CA 95004, United States
WEBSITE: www.fireclaytile.com

CONTACT NAME: Nick Cordova
TITLE: Product Support
PHONE: 800.773.2226
EMAIL: Nick@fireclaytile.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

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

NEU Neurotoxicity

NF Not found on Priority Hazard Lists

OZO Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

REP Reproductive

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

UNK Unknown

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement)

BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

LT-1 List Translator 1 (Likely Benchmark-1)

LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)

NoGS No GreenScreen.

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 HPD and for compliance with the HPD standard noted.