

CLASSIFICATION: 09 30 00.00 Finishes: Tiling

PRODUCT DESCRIPTION: OUR WHITE BODY CERAMIC TILE IS MADE OF RAW MATERIALS SOURCED IN THE USA AND EVERY TILE IS HANDCRAFTED AT OUR AROMAS, CA FACTORY. ALL OF OUR 150 GLAZES ARE 100% LEAD FREE. ALL OF OUR TILES ARE 100% VOC FREE. AS WITH ALL HANDMADE TILE, SOME DEGREE OF COLOR VARIATION IS EXPECTED. OUR CERAMIC TILE HAS A CLASS A FIRE RATING, IS DURABLE, AND 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 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

Are All Substances Above the Threshold Indicated:

Characterized Yes No
Percent Weight and Role Provided?

Screened Yes No
Using Priority Hazard Lists with Results Disclosed?

Identified Yes No
Name and Identifier Provided?

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 - WHITE BODY CERAMIC TILE [**KAOLIN CLAY** **LT-UNK** | **CAN FELDSPAR** **LT-UNK** | **RES ACTIVATED ALUMINA (ACTIVATED ALUMINA)** **LT-UNK** **QUARTZ** **LT-1** | **CAN TALC** **BM-1** | **CAN FRITS, CHEMICALS (UNLEADED)** **LT-P1** | **MUL CALCIUM CARBONATE** **BM-3**]

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

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

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: 2018-05-09

PUBLISHED DATE: 2018-06-26

EXPIRY DATE: 2021-05-09

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Do to the high temperature firing in the kiln, the finished product is inert and poses no risk.

QUARTZ

ID: 14808-60-7

#: 10.0000 - 15.0000 GS: LT-1 RC: None NANO: No ROLE: A main ingredient in our pre-fired white body ceramic tile.

HAZARDS:

AGENCY(IES) WITH WARNINGS:

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	H350 - May cause cancer

SUBSTANCE NOTES: Do to the high temperature firing in the kiln, the finished product is inert and poses no risk.

TALC

ID: 14807-96-6

#: 8.0000 - 10.0000 GS: BM-1 RC: None NANO: No ROLE: An ingredient in our white body ceramic tile.

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
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SUBSTANCE NOTES: Do to the high temperature firing in the kiln, the finished product is inert and poses no risk.

FRITS, CHEMICALS (UNLEADED)

ID: 65997-18-4

#: 2.5000 - 3.0000 GS: LT-P1 RC: None NANO: No ROLE: An ingredient in our white body ceramic tile.

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
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SUBSTANCE NOTES: Do to the high temperature firing in the kiln, the finished product is inert and poses no risk.

%: **2.0000 - 3.0000** GS: **BM-3** RC: **None** NANO: **No** ROLE: **An ingredient in our white body ceramic tile.**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: **Do 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**

ISSUE DATE: **2014-**

EXPIRY DATE: **2019-**

CERTIFIER OR LAB: **UL**

APPLICABLE FACILITIES: **Aromas, CA.**

10-24

10-24

Environment Inc. Industry

CERTIFICATE URL:

<https://www.tcnatile.com/images/pdfs/EPDs/EPD-for-Ceramic-Tile-Made-in-North-America.pdf>

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 various mortars and grouts depend on the product selected.

Section 5: General Notes

Fireclay Tile's White 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: **901 Brannon Street**
San Francisco CA 94019, United States
WEBSITE: **www.fireclaytile.com**

CONTACT NAME: **Paul Burns**
TITLE: **Chief Ceramicist & Founder**
PHONE: **800.773.2226**
EMAIL: **paul@fireclaytile.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)	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.