

HPD UNIQUE IDENTIFIER: 5304248267776

CLASSIFICATION: 09 30 13 Ceramic Tiling

PRODUCT DESCRIPTION: American Olean (AO) brand quarry tile products are made using a high temperature kiln-firing process. The individual ingredients used to formulate these quarry tile products (primarily water and mineral-based naturally occurring materials) undergo both physical and chemical reactions inside the kiln to form the final inert fired product. AO quarry tile is fire resistant, durable (lasts a lifetime) and extremely easy to maintain. As floor and wall coverings, our quarry tile products provide dual functions. They serve 1) an esthetic function as a design component, and 2) a technical/structural function as a building finishing material. As a building material, AO quarry tiles can withstand a wide range of environmental stresses (e.g., non-flammable, heat/cold resistant - and provide a moisture barrier). Their versatility is further enhanced by the extensive ranges of colors, textures, and decorative motifs offered by American Olean. AO quarry tile products are available in a range of sizes and trim shapes from less than 6" x 6" to 8" x 8". This Health Product Declaration is representative of all quarry products manufactured in Fayette, AL. Additional information on American Olean brand quarry tile products, including the Safety Data Sheets (SDS's), can be found on the following website: <http://www.americanolean.com/quarry>.

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>
☐ Nested Materials Method	☒ 100 ppm	☒ Completed	Characterized ☒ Yes ☐ No
☒ Basic Method	☐ 1,000 ppm	☐ Partially Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	☐ Per GHS SDS	☐ Not Completed	Screened ☒ Yes ☐ No
☐ Material	☐ Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
☒ Product		☒ Yes ☐ No	Identified ☒ Yes ☐ 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

AMERICAN OLEAN QUARRY TILE PRODUCTS (MANUFACTURED) [

KAOLIN **LT-UNK** | CAN **FELDSPAR** **LT-UNK** | MAM **CHROMITE** **BM-2**

FERRIC OXIDE, YELLOW (PRIMARY CASRN IS 51274-00-1) **LT-UNK**

MANGANESE DIOXIDE **BM-1** | MUL | EYE | MAM | GEN | REP

CORDIERITE **NoGS** **BARIUM CARBONATE** **BM-2** | MAM **HAEMATITE**

LT-UNK

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The finished quarry tile is considered one component resulting from the use of a high temperature kiln-firing process that fuses and physically converts the raw materials into the final ceramic product. No hazards are associated with the final fired product during normal use after installation.

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: Inherently non-emitting source per LEED

Multi-attribute: ISO 9001:2015 Quality management systems

Multi-attribute: ILFI Declare - Red List Free

Multi-attribute: Environmental Product Declaration (EPD) by EPD International AB

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2025-09-25
☐ Yes	VERIFIER:	PUBLISHED DATE: 2025-09-25
☒ No	VERIFICATION #:	EXPIRY DATE: 2028-09-25

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

AMERICAN OLEAN QUARRY TILE PRODUCTS (MANUFACTURED)

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: The physical and chemical reactions in the kiln-firing process transform 100% of the initial ingredients into the final fired tile product and no residuals remain.

OTHER PRODUCT NOTES: During the manufacturing process, a combination of intensely high pressure and very high firing temperatures are used. These techniques create a chemical and physical change in the materials, converting any hazards into a benign, fully vitrified inert ceramic tile product.

KAOLIN

ID: 1332-58-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-09-25 7:45:04		
%: 80.0000 - 95.0000	GreenScreen: LT-UNK	RC: None	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		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: The range is due to variations in the different product families. Hazards, if any, are associated with occupational exposures during the manufacturing, installation, and demolition processes. No hazards are associated with the final fired product during normal use after installation.

FELDSPAR

ID: 68476-25-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-09-25 7:45:04		
%: 0.0000 - 15.0000	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: The range is due to variations in the different product families. Hazards, if any, are associated with occupational exposures during the manufacturing, installation, and demolition processes. No hazards are associated with the final fired product during normal use after installation.

CHROMITE

ID: 1308-31-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-09-25 7:45:05

%: 0.0000 - 2.0000

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: Another name for this material is Iron Chromite. This material is used as a colorant in the ceramic body. The range is due to variations in the different product families. Hazards, if any, are associated with occupational exposures during the manufacturing, installation, and demolition processes. No hazards are associated with the final fired product during normal use after installation.

FERRIC OXIDE, YELLOW (PRIMARY CASRN IS 51274-00-1)

ID: 131462-81-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-09-25 7:45:05

%: 0.0000 - 2.0000

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: This material is used as a colorant in the ceramic body. The range is due to variations in the different product families. Hazards, if any, are associated with occupational exposures during the manufacturing, installation, and demolition processes. No hazards are associated with the final fired product during normal use after installation.

MANGANESE DIOXIDE

ID: 1313-13-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-09-25 7:45:06

%: 0.0000 - 1.0000

GreenScreen: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
EYE	GHS - New Zealand	Eye 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]
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
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
MAM	GHS - New Zealand	Acute inhalation toxicity category 2
REP	GHS - New Zealand	Reproductive toxicity category 2
REP	GHS - New Zealand	Effects on or via lactation

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025
		Children's Toy Products

SUBSTANCE NOTES: This material is used as a colorant in the ceramic body. The range is due to variations in the different product families. Hazards, if any, are associated with occupational exposures during the manufacturing, installation, and demolition processes. No hazards are associated with the final fired product during normal use after installation.

CORDIERITE

ID: 1302-88-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-09-25 7:45:04		
%: 0.0000 - 0.5000	GreenScreen: NoGS	RC: PostC	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: The range is due to variations in the different product families. Hazards, if any, are associated with occupational exposures during the manufacturing, installation, and demolition processes. No hazards are associated with the final fired product during normal use after installation.		

BARIUM CARBONATEID: **513-77-9**HAZARD DATA SOURCE: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2025-09-25 7:45:05**%: **0.0000 - 0.2000**GreenScreen: **BM-2**RC: **None**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]
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
MAM	GHS - Japan	H301 - Toxic if swallowed [Acute Toxicity (oral) - Category 3]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 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 v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Children's Toy Products

SUBSTANCE NOTES: The range is due to variations in the different product families. Hazards, if any, are associated with occupational exposures during the manufacturing, installation, and demolition processes. No hazards are associated with the final fired product during normal use after installation.

HAEMATITEID: **1317-60-8**

%: **0.0000 - 0.2000**

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: Another name for this material is Hematite. This material is used as a colorant in the ceramic body. The range is due to variations in the different product families. Hazards, if any, are associated with occupational exposures during the manufacturing, installation, and demolition processes. No hazards are associated with the final fired product during normal use after installation.

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		Inherently non-emitting source per LEED
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2022-08-18 00:00:00	CERTIFIER OR LAB: None
APPLICABLE FACILITIES: Fayette, AL	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES: Inherently Non-Emitting.		
MULTI-ATTRIBUTE		ISO 9001:2015 Quality management systems
CERTIFYING PARTY: Third Party	ISSUE DATE: 2003-04-08 00:00:00	CERTIFIER OR LAB: DQS Inc.
APPLICABLE FACILITIES: Fayette, AL	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES: Certificate available upon request cathleen_smith@mohawkind.com		
MULTI-ATTRIBUTE		ILFI Declare - Red List Free
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2024-12-01 00:00:00	CERTIFIER OR LAB: ILFI
APPLICABLE FACILITIES: Fayette, AL	EXPIRY DATE:	
CERTIFICATE URL: https://declare.living-future.org/products/quarry-tiles-2		
CERTIFICATION AND COMPLIANCE NOTES: Declare Label issued by ILFI.		
MULTI-ATTRIBUTE		Environmental Product Declaration (EPD) by EPD International AB
CERTIFYING PARTY: Third Party	ISSUE DATE: 2025-09-16 00:00:00	CERTIFIER OR LAB: EPD
APPLICABLE FACILITIES: Fayette, AL	EXPIRY DATE: 2030-09-16 00:00:00	International
CERTIFICATE URL: https://environdec.com/library		
CERTIFICATION AND COMPLIANCE NOTES: Certificate available upon request cathleen_smith@mohawkind.com		
MULTI-ATTRIBUTE		Green Squared Certification
CERTIFYING PARTY: Third Party	ISSUE DATE: 2025-07-25 00:00:00	CERTIFIER OR LAB: SCS Global
APPLICABLE FACILITIES: Fayette, AL	EXPIRY DATE:	Services
CERTIFICATE URL: https://www.scsglobalservices.com/certified-green-products-guide?program=275		
CERTIFICATION AND COMPLIANCE NOTES: Certificate available upon request cathleen_smith@mohawkind.com		

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/GROUT
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 installations. VOC content of the adhesive and/or grout varies depending on the type and brand chosen.

Mohawk Industries – American Olean's Parent Company, has published a LEED compliant Corporate Sustainability Report. This document can be found at the following website: <https://mohawkind.com/esg/>

MANUFACTURER INFORMATION

MANUFACTURER: **Dal-Tile, LLC**
ADDRESS: **7834 CF Hawn Freeway**
Dallas, TX 75217
COUNTRY: **USA**

WEBSITE: **www.americanolean.com**
CONTACT NAME: **Cathleen Smith**
TITLE: **Sr. Sustainability Engineer - E&S**
PHONE: **214-309-4816**
EMAIL: **cathleen_smith@mohawkind.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 HPD and

