

HPD UNIQUE IDENTIFIER: 252897157120

CLASSIFICATION: 09 30 13 Ceramic Tiling

PRODUCT DESCRIPTION: American Olean (AO) brand ceramic mosaic tile products are made using a high temperature kiln-firing process. The individual ingredients used to formulate AO mosaic 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. These mosaic tiles are fire resistant, durable (lasts a lifetime) and extremely easy to maintain. As floor and wall coverings, they 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 mosaic 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 mosaic tile products are available in a range of sizes and shapes from Penny Rounds to 2" x 6". This Health Product Declaration is representative of all AO brand mosaic tile series manufactured in Monterrey, Mexico. Additional information on American Olean Brand mosaic tile products, including the Safety Data Sheets (SDS's), can be found on the following website: <https://www.americanolean.com/All-Products/Mosaic>.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	
☐ Nested Materials Method	☒ 100 ppm	☒ Completed	<i>For all contents above the threshold, the manufacturer has:</i>
☒ Basic Method	☐ 1,000 ppm	☐ Partially Completed	Characterized ☒ Yes ☐ No
Threshold Disclosed Per	☐ Per GHS SDS	☐ Not Completed	<i>Provided weight and role.</i>
☐ Material	☐ Other	Explanation(s) provided :	Screened ☒ Yes ☐ No
☒ Product		☒ Yes ☐ No	<i>Provided screening results using HPDC-approved methods.</i>
			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 MOSAIC TILE PRODUCTS – MONTERREY, MX (MANUFACTURED) [FELDSPAR LT-UNK | MAM KAOLIN LT-UNK | CAN TALC BM-1 | CAN | MAM NEPHELINE SYENITE LT-UNK QUARTZ BM-1 | CAN | MAM | GEN ZIRCON (ZR(SIO4)) BM-2 C.I. PIGMENT RED 108 LT-1 | CAN | PBT | MUL | GEN | MAM | AQU | REP C.I. PIGMENT BROWN 33 LT-UNK C.I. PIGMENT BLACK 27 LT-1 | CAN | RES | GEN C.I. PIGMENT RED 232 LT-UNK C.I. PIGMENT GREEN 26 LT-1 | CAN | RES | GEN | REP | AQU | MAM | SKI OLIVINE, COBALT SILICATE BLUE LT-UNK C.I. PIGMENT BLUE 71 LT-UNK C.I. PIGMENT YELLOW 159 LT-UNK ZINC OXIDE BM-1 | END | MUL | AQU | MAM | REP LIMESTONE BM-3dg 1,2- CYCLOHEXANEDICARBOXYLIC ACID, 1-BUTYL 2-(PHENYLMETHYL) ESTER NoGS]

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The finished mosaic 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. This HPD does not cover any individual American Olean mosaic products that contain Microban technology.

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: ISO 14001:2004 Environmental management systems

Multi-attribute: ILFI Declare - Red List Free

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

☐ Yes
☒ No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2025-09-25
PUBLISHED DATE: 2025-09-25
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 MOSAIC TILE PRODUCTS – MONTERREY, MX
(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.	

FELDSPAR				ID: 68476-25-5	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-09-25 10:10:53		
%: 40.0000 - 60.0000	GreenScreen: LT-UNK	RC: PreC	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. The Recycled Content of this material is 50% Pre Consumer.					

KAOLIN				ID: 1332-58-7
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-09-25 10:10:54	
%: 15.0000 - 35.0000	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.

TALC

ID: 14807-96-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-09-25 10:10:55**

%: 0.0000 - 6.0000	GreenScreen: BM-1	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		
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route		
CAN	IARC	Group 2a - Agent is probably Carcinogenic to humans		
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: 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.

NEPHELINE SYENITE

ID: 37244-96-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-09-25 10:10:55**

%: 0.0000 - 3.0000	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: 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.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-09-25 10:10:56	
%: 0.0000 - 2.0000	GreenScreen: BM-1	RC: None	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	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: 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.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-09-25 10:10:54	
%: 0.0000 - 1.0000	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Glaze

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.

C.I. PIGMENT RED 108

ID: 58339-34-7

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-09-25 10:10:55		
%: 0.0000 - 0.5000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
CAN	IARC	Group 1 - Agent is Carcinogenic to humans
CAN	CA EPA - Prop 65	Carcinogen
CAN	US NIH - Report on Carcinogens	Known to be a human Carcinogen
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CAN	GHS - Australia	H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]
CAN	GHS - Korea	H350 - May cause cancer [Carcinogenicity - Category 1]
CAN	GHS - New Zealand	Carcinogenicity category 1
GEN	GHS - Australia	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	Acute inhalation toxicity category 3
AQU	GHS - Korea	H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]
AQU	GHS - Korea	H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]
REP	GHS - Australia	H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child [Reproductive toxicity - Category 2]
MAM	GHS - Korea	H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]
MAM	GHS - New Zealand	Acute oral toxicity category 3
MAM	GHS - Korea	H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPH)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Core Restrictions
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPH)	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 (C2CPH)	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 (C2CPH)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Footwear, Apparel & Jewelry Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPH)	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 (C2CPH)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Electronics (RoHS)
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPH)	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 glaze. 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.

C.I. PIGMENT BROWN 33				ID: 68186-88-9
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-09-25 10:10:56	
%: 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: This material is used as a colorant in the ceramic glaze. 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.

C.I. PIGMENT BLACK 27

ID: 68186-97-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-09-25 10:10:57**

%: **0.0000 - 0.5000**
GreenScreen: **LT-1**
RC: **None**
NANO: **No**
SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
GEN	MAK	Germ Cell Mutagen 3a
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 glaze. 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.

C.I. PIGMENT RED 232

ID: 68412-79-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-09-25 10:10:57**

%: **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: This material is used as a colorant in the ceramic glaze. 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.		

C.I. PIGMENT GREEN 26

ID: 68187-49-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-09-25 10:10:57**

#: **0.0000 - 0.5000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
RES	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
GEN	MAK	Germ Cell Mutagen 3a
REP	GHS - Australia	H360F - May damage fertility [Reproductive toxicity - Category 1A or 1B]
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
SKI	GHS - Korea	H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]
AQU	GHS - Korea	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
MAM	GHS - Australia	H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPH)	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 (C2CPH)	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 (C2CPH)	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 (C2CPH)	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 glaze. 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.

OLIVINE, COBALT SILICATE BLUE

ID: 68187-40-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-09-25 10:10:58	
%: 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: Another name for this material is C.I. Pigment Blue 73. This material is used as a colorant in the ceramic glaze. 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.

C.I. PIGMENT BLUE 71

ID: 68186-95-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-09-25 10:10:58	
%: 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: This material is used as a colorant in the ceramic glaze. 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.		

C.I. PIGMENT YELLOW 159

ID: 68187-15-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-09-25 10:10:59		
#: 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: This material is used as a colorant in the ceramic glaze. 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.				

ZINC OXIDE

ID: 1314-13-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-09-25 10:10:57		
#: 0.0000 - 0.5000	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]
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 v4.0 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: 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.		

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-09-25 10:10:58	
?: 0.2200 - 0.2600	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
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 part of the adhesive "dots" used to hold Mosaic tiles together in sheets. Hazards, if any, are associated with occupational exposures during the manufacturing, installation, and demolition processes. No hazards are associated with the final product during normal use after installation, as the adhesive is completely encapsulated in the mortar and grout.				

1,2- CYCLOHEXANEDICARBOXYLIC ACID, 1-BUTYL 2-(PHENYLMETHYL) ESTER

ID: 1200806-67-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-09-25 10:10:58	
%: 0.0100 - 0.0400	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
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 part of the adhesive "dots" used to hold Mosaic tiles together in sheets. Hazards, if any, are associated with occupational exposures during the manufacturing, installation, and demolition processes. No hazards are associated with the final product during normal use after installation, as the adhesive is completely encapsulated in the mortar and grout.				

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 APPLICABLE FACILITIES: Monterrey, Mexico CERTIFICATE URL:		ISSUE DATE: 2022-08-18 00:00:00 EXPIRY DATE:
CERTIFICATION AND COMPLIANCE NOTES: Inherently Non-Emitting.		CERTIFIER OR LAB: None
MULTI-ATTRIBUTE		ISO 9001:2015 Quality management systems
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Monterrey, Mexico CERTIFICATE URL:		ISSUE DATE: 2021-04-30 00:00:00 EXPIRY DATE:
CERTIFICATION AND COMPLIANCE NOTES: Certificate available upon request cathleen_smith@mohawkind.com		CERTIFIER OR LAB: TUV Rheinland of North America, Inc.
MULTI-ATTRIBUTE		ISO 14001:2004 Environmental management systems
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Monterrey, Mexico CERTIFICATE URL:		ISSUE DATE: 2022-02-11 00:00:00 EXPIRY DATE:
CERTIFICATION AND COMPLIANCE NOTES: Plants have upgraded to ISO 14001:2015. Certificate available upon request cathleen_smith@mohawkind.com		CERTIFIER OR LAB: TUV Rheinland of North America, Inc.
MULTI-ATTRIBUTE		ILFI Declare - Red List Free
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: Monterrey, Mexico CERTIFICATE URL: https://declare.living-future.org/products/mosaic-tiles-2		ISSUE DATE: 2022-10-05 00:00:00 EXPIRY DATE:
CERTIFICATION AND COMPLIANCE NOTES: Declare Label issued by ILFI.		CERTIFIER OR LAB: ILFI
MULTI-ATTRIBUTE		Environmental Product Declaration (EPD) by EPD International AB
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Monterrey, Mexico CERTIFICATE URL: https://environdec.com/library		ISSUE DATE: 2025-09-16 00:00:00 EXPIRY DATE: 2025-09-16 00:00:00
CERTIFICATION AND COMPLIANCE NOTES: Product Specific Type III Third Party Certified.		CERTIFIER OR LAB: EPD International
MULTI-ATTRIBUTE		Green Squared Certification
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Monterrey, Mexico CERTIFICATE URL: https://www.scsglobalservices.com/certified-green-products-guide?program=275		ISSUE DATE: 2025-07-31 00:00:00 EXPIRY DATE:
CERTIFICATION AND COMPLIANCE NOTES: Under the Green Squared certification standard, products are evaluated based on successful conformance with criteria under five categories: Product Characteristics, Manufacturing and Raw Material Extraction, End of Product Life Management, Progressive Corporate Governance, and Innovation.		CERTIFIER OR LAB: SCS Global Services

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.

 Section 5: General Notes

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

