Mosa C2C Porcelain Floor Tiles by mosa

SCREENING DATE: 2025-10-09
PUBLISHED DATE: 2025-10-09
EXPIRY DATE: 2028-10-09
PREPARER: Self-Prepared

Health Product Declaration v3.0
created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 708819493888
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 09 30 13 Ceramic Tiling
PRODUCT DESCRIPTION: Unglazed, dry-pressed, single-fired, fully vitrified porcelain tiles, produced with the Ultragres process. This makes them extremely strong, colourfast, scratch resistant, and water, weather and frost proof. Suitable for indoor and outdoor applications. Sizes ranging from 6"x 6" to 24"x 48", with various surface designs and structures. Manufactured by Royal Mosa, Maastricht, The Netherlands, since 1883.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format
→ Basic Method

Threshold Disclosed Per
→ Product

Threshold Level
→ 100 ppm

Residuals/Impurities Evaluation
→ Completed

Explanation(s) provided :
Yes

For all contents above the threshold, the manufacturer has:

Characterized Yes
Provided weight and role.

Screened Yes
Provided screening results using HPDC-approved methods.

Identified Yes
Provided name and CAS RN or other identifier.

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

MOSA C2C PORCELAIN FLOOR TILES [NATURALLY OCCURRING SUBSTANCES NoGS **FELDSPAR** LT-UNK | MAM **NEPHELINE SYENITE** LT-UNK **QUARTZ** BM-1 | CAN | MAM | GEN **KAOLIN, CALCINED** LT-UNK **ZIRCON (ZR(SIO4))** BM-2 **CHROMIUM IRON OXIDE** LT-P1 | SKI **C.I. PIGMENT RED 231** LT-UNK **REACTION MASS OF FUMES, SILICA AND DIIRON TRIOXIDE** NoGS **C.I. PIGMENT BLUE 28** LT-1 | CAN | RES | GEN **]**

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration applies to the entire Mosa unglazed floor tile collection: Mosa Global Collection/Mosa Globalgrip, Mosa Shapes, Mosa Mu, Mosa Quartz, Mosa Scenes, Mosa Solids, Mosa Terra, Mosa Stage, Mosa Terra Tones.

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: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario
Multi-attribute: ILFI Declare - Red List Free
Management: ISO 9001:2015 Quality management systems
Management: ISO 14001:2015 - Environmental management systems

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.
Pre-checked for LEED v4.1 Option 1.

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 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

MOSA C2C PORCELAIN FLOOR TILES

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: All ingredients have been assessed and verified within the Cradle to Cradle concept. Mosa floor tiles are awarded with a Gold score for Material Health.

OTHER PRODUCT NOTES: Mosa floor tiles contain 21% pre-consumer recycled content, with the exception of the Softgrip/Globalgrip collections, which contain 45% pre-consumer recycled content.

NATURALLY OCCURRING SUBSTANCES

ID: **999999-99-4**

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

HAZARD SCREENING DATE: **2025-10-09 0:53:17**

%: **70.0000 - 70.0000** GreenScreen: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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: naturally occurring clays, including pre-consumer recycled content

FELDSPAR

ID: **68476-25-5**

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

HAZARD SCREENING DATE: **2025-10-09 0:53:17**

%: **22.0000 - 22.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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: feldspar is a type of mineral that acts as a flux in the tile

NEPHELINE SYENITE

ID: **37244-96-5**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-10-09 0:53:18**

%: **5.0000 - 5.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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: nepheline is a feldspar-related mineral

QUARTZ

ID: **14808-60-7**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-10-09 0:53:18**

%: **1.0000 - 1.0000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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: sand consists of quartz, influencing the plasticity of the tile

KAOLIN, CALCINED

ID: **92704-41-1**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-10-09 0:53:19**

%: **1.0000 - 1.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

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: kaolin is a very white mineral clay

ZIRCON (ZR(SIO4))

ID: **14940-68-2**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-10-09 0:53:18**

%: **0.6000 - 0.6000** GreenScreen: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Opacifier**

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:

CHROMIUM IRON OXIDE

ID: **12737-27-8**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-10-09 0:53:18**

%: **0.2000 - 0.2000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization

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:

C.I. PIGMENT RED 231

ID: **68186-99-2**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-10-09 0:53:19**

%: **0.1000 - 0.1000** 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:

REACTION MASS OF FUMES, SILICA AND DIIRON TRIOXIDE

ID: **1353091-50-5**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-10-09 0:53:19**

%: **0.0800 - 0.0800** GreenScreen: **NoGS** 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:

C.I. PIGMENT BLUE 28

ID: **1345-16-0**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-10-09 0:53:20**

%: **0.0200 - 0.0200** 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:

Section 3: 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 — **CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario**

COMPLIANCE TYPE: Self-declaration
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: TCNA
ISSUE DATE: 2025-10-09
EXPIRY DATE: 2025-12-31
COMPLIANCE DETAILS:
COMPLIANCE SCOPE:
APPLICABLE FACILITIES: Royal Mosa, Maastricht, The Netherlands
COMPLIANCE URL:
https://www.mosa.com/application/files/8916/2496/3613/Mosa_LEED_V4_overview_credit_points.pdf
COMPLIANCE NOTES: Ceramic wall and floor tiles qualify for LEED V4 credit IEQ 4.3 without any requirements because they are considered 'inherently nonemitting sources'. Text from LEED credit: "Products that are inherently nonemitting sources of VOCs (stone, ceramic, powder-coated metals, plated or anodized metal, glass, concrete, clay brick, and unfinished or untreated solidwood flooring) are considered fully compliant without any VOC emissions testing if they do not include integral organic-based surface coatings, binders, or sealants". More information on the contribution of our tiles to a LEED building label can be found on the Mosa website: www.mosa.com > Mosa > Sustainability

MULTI-ATTRIBUTE — **ILFI Declare - Red List Free**

COMPLIANCE TYPE: Third-party certification
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: None
ISSUE DATE: 2019-12-01
EXPIRY DATE: 2025-12-01
COMPLIANCE DETAILS:
COMPLIANCE SCOPE:
APPLICABLE FACILITIES: Royal Mosa, Maastricht, The Netherlands
COMPLIANCE URL:
https://www.mosa.com/application/files/9017/3400/3932/declare_floor.jpg
COMPLIANCE NOTES:

MANAGEMENT — **ISO 9001:2015 Quality management systems**

COMPLIANCE TYPE: Third-party certification
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SKG-IKOB
ISSUE DATE: 2023-01-13
EXPIRY DATE: 2026-01-13
COMPLIANCE DETAILS:
COMPLIANCE SCOPE: Company-wide
APPLICABLE FACILITIES: Royal Mosa, Maastricht, The Netherlands
COMPLIANCE URL:
https://www.mosa.com/application/files/7416/7602/6906/Mosa-ISO-9001-certificate.pdf
COMPLIANCE NOTES:

MANAGEMENT — **ISO 14001:2015 - Environmental management systems**

COMPLIANCE TYPE: Third-party certification
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: SKG-IKOB
ISSUE DATE: 2023-01-13
EXPIRY DATE: 2026-01-13
COMPLIANCE DETAILS:
COMPLIANCE SCOPE: Company-wide
APPLICABLE FACILITIES: Royal Mosa, Maastricht, The Netherlands
COMPLIANCE URL:
https://www.mosa.com/application/files/3616/7990/9890/Mosa-ISO-14001-certificate.pdf
COMPLIANCE NOTES:

MULTI-ATTRIBUTE	Cradle to Cradle Certified - Gold (V3.1)	

COMPLIANCE TYPE: Third-party certification
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: EPEA GmbH - Part of Drees & Sommer
COMPLIANCE DETAILS:
COMPLIANCE SCOPE: Company-wide
APPLICABLE FACILITIES: All floor tiles, manufactured in the Mosa Floor Tile Factory in Maastricht, this means unglazed, dry-pressed, single-fired, fully vitrified porcelain tiles, manufactured with the Ultragres process. Sizes ranging from 10 x 10 (4 x 4 inch) to 60 x 120 centimeters (24 x 48 inch), with various surface designs and structures. Suitable for indoor and outdoor applications.
COMPLIANCE URL: https://www.mosa.com/application/files/8617/1800/1049/Cradle-to-Cradle-Certified-Gold-Mosa-floor-tiles.pdf
COMPLIANCE NOTES:

ISSUE DATE: 2024-06-06

EXPIRY DATE: 2025-12-30

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.

No accessories are required for this product.

Section 5: General Notes

Mosa floor tiles contain 21% pre-consumer recycled content, except for Mosa Softgrip and Global Grip collections: 45% pre-consumer recycled content.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **mosa**
ADDRESS: **Royal Mosa**
Meerssenerweg 358
Maastricht, Limburg 6224 AL
COUNTRY: **The Netherlands**

WEBSITE: **www.mosa.com**
CONTACT NAME: **Stephanie Nunez**
TITLE: **Marketing Manager**
PHONE: **+31646818650**
EMAIL: **Stephanie.nunez@mosa.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
NoGS No GreenScreen.

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 for compliance with the HPD standard noted.