

HPD UNIQUE IDENTIFIER: 2862320806912

CLASSIFICATION: 09 30 13 Ceramic Tiling

PRODUCT TYPE: Ceramic (Tile)

PRODUCT DESCRIPTION: Our vocation for materials, in particular porcelain stoneware, has been guiding our work, our thoughts and our actions since the date of our establishment. Our design activities have the purpose of creating ceramic surfaces that work towards the best in terms of technical performance and aesthetics.

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>
<input type="radio"/> Nested Materials Method	<input checked="" type="radio"/> 100 ppm	<input checked="" type="radio"/> Completed	Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input type="radio"/> 1,000 ppm	<input type="radio"/> Partially Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Completed	Screened <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input checked="" type="radio"/> Yes <input type="radio"/> 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
CERAMICHE CAESAR SPA - GRES PORCELAIN STONWARE [
CLAY NoGS **FELDSPAR POWDER** NoGS **SAND** NoGS **FRITS,**
CHEMICALS (UNLEADED) **LT-P1** | MUL]

Number of Greenscreen BM-4/BM3 contents ... 0
Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The final product (ceramic porcelain tiles and slabs for floor and walls, for internal and external use), are inert and fully vitrified. Ceramic porcelain tiles are fired at high temperature (1.225 °C or 2.237 °F)

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 SUSTAINABILITY FOR CERAMIC TILES AND INSTALLATION MATERIALS: ISO 17889-1:2021 SAFETY AND HEALTH HAZARDS: Safety data sheet rating LEED – compliance to requirements: LEED rating assesment for Ceramiche Caesar ceramic tiles and slabs

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2024-01-31
PUBLISHED DATE: 2024-02-05
EXPIRY DATE: 2027-01-31

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

CERAMICHE CAESAR SPA - GRES PORCELAIN STONEWARE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Ceramic tile is considered as a single component resulting from the vitrification process in the high temperature kiln process. Since individual chemical components are not made available from the finished product, residuals and impurities have no separate impact in the preparation of this HPD. No warnings or hazards are associated with the final, finished product.

OTHER PRODUCT NOTES:

CLAY

ID: 1302-87-0

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

HAZARD SCREENING DATE: **2024-01-31 6:29:29**

%: **25.0000 - 45.0000**

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:

FELDSPAR POWDER

ID: 12168-80-8

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

HAZARD SCREENING DATE: **2024-01-31 6:31:22**

%: **20.0000 - 40.0000**

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:

SAND

ID: 308075-07-2

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

HAZARD SCREENING DATE: **2024-01-31 6:33:21**

?: 15.0000 - 30.0000

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:		

FRITS, CHEMICALS (UNLEADED)

ID: 65997-18-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-01-31 6:34:17		
?: 1.0000 - 6.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

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: Ceramiche Caesar CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2024-01-31 00:00:00 EXPIRY DATE:	CERTIFIER OR LAB: None
SUSTAINABILITY FOR CERAMIC TILES AND INSTALLATION MATERIALS	ISO 17889-1:2021	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Ceramiche Caesar spa CERTIFICATE URL: https://www.caesar.it/assets/Uploads/ceramiche-caesar-ISO-17889.pdf CERTIFICATION AND COMPLIANCE NOTES: C513089	ISSUE DATE: 2022-03-07 00:00:00 EXPIRY DATE: 2025-03-06 00:00:00	CERTIFIER OR LAB: DNV
SAFETY AND HEALTH HAZARDS	Safety data sheet	
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: Ceramiche Caesar spa CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2019-07-10 00:00:00 EXPIRY DATE:	CERTIFIER OR LAB: None
RATING LEED – COMPLIANCE TO REQUIREMENTS	LEED rating assesment for Ceramiche Caesar ceramic tiles and slabs	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Ceramiche Caesar spa CERTIFICATE URL: https://www.caesar.it/assets/Uploads/14988-2019-PC-ITA-DNV-Ceramiche-Caesar-S.p.A.-2023-Rev3.pdf CERTIFICATION AND COMPLIANCE NOTES: 14988-2019-PC-ITA-DNV Rev 3.0	ISSUE DATE: 2021-09-17 00:00:00 EXPIRY DATE: 2024-09-17 00:00:00	CERTIFIER OR LAB: DNV
RATING WELL – COMPLIANCE TO REQUIREMENTS	WELL rating assesment for Ceramiche Caesar ceramic tiles and slabs	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Ceramiche Caesar spa CERTIFICATE URL: https://www.caesar.it/assets/Uploads/WELL-Rev.-0-Ceramiche-Caesar-S.p.A..pdf CERTIFICATION AND COMPLIANCE NOTES: 10000503725-PA-DNV-ITA Rev. 0	ISSUE DATE: 2021-10-28 00:00:00 EXPIRY DATE: 2024-10-27 00:00:00	CERTIFIER OR LAB: DNV
QUALITY MANAGEMENT SYSTEM STANDARD	ISO 9001:2015	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Ceramiche Caesar spa CERTIFICATE URL: https://www.caesar.it/assets/Uploads/CAESAR-S.p.A.-9001-ITA.pdf CERTIFICATION AND COMPLIANCE NOTES: CERT-01178-96-AQ-BOL-SINCERT	ISSUE DATE: 2021-11-29 00:00:00 EXPIRY DATE: 2024-11-28 00:00:00	CERTIFIER OR LAB: DNV
ENVIRONMENTAL MANAGEMENT SYSTEM STANDARD	ISO 14001:2015	

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Ceramiche Caesar spa
CERTIFICATE URL:
<https://www.caesar.it/assets/Uploads/CC1-CERAMICHE-CAESAR-SpAITA-20230110-20230123125822.pdf>

ISSUE DATE: 2023-01-10 00:00:00
EXPIRY DATE: 2026-01-09 00:00:00

CERTIFIER OR LAB: DNV

CERTIFICATION AND COMPLIANCE NOTES: C535077-CC1

OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM STANDARD ISO 45001:2018

CERTIFYING PARTY: Third Party
APPLICABLE FACILITIES: Ceramiche Caesar spa
CERTIFICATE URL:
<https://www.caesar.it/assets/Uploads/CC2-CERAMICHE-CAESAR-S2.p.A.-45001.pdf-20210219-1613723745167.pdf>

ISSUE DATE: 2021-02-21 00:00:00
EXPIRY DATE: 2024-02-20 00:00:00

CERTIFIER OR LAB: DNV

CERTIFICATION AND COMPLIANCE NOTES: 238771CC2-2017-AHSO-ITA-ACCREDIA

DECLARE

Living Building Challenge Criteria: Compliant

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: Ceramiche Caesar spa
CERTIFICATE URL:
<https://www.caesar.it/assets/Uploads/DECLARE-CAESAR-exp.-march-2025.pdf>

ISSUE DATE: 2020-03-02 00:00:00
EXPIRY DATE: 2025-03-01 00:00:00

CERTIFIER OR LAB: None

CERTIFICATION AND COMPLIANCE NOTES: CAE-0002

+ 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.

RECOMMENDATIONS, WARNINGS & DISCLAIMERS

MANUFACTURER (OR GENERIC): Ceramiche Caesar spa

HPD URL: <https://www.caesar.it/assets/Uploads/CAESAR-Advice-for-installation-and-care2.pdf>
ACCESSORY TYPE: Other

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: RECOMMENDED USE OF PORCELAIN TILES

E Section 5: General Notes

ISO 13006 Ceramic Tiles - Definition, classification, characteristics and marking

TERMS AND DEFINITIONS: 1) CERAMIC TILE: thin slab made from clays and/or other inorganic raw materials, generally used as covering for floors and walls, usually shaped by extruding or pressing at room temperature, then dried and subsequently fired at temperature sufficient to develop the required properties. Tiles may be glazed (GL) or unglazed (UGL); they are incombustible and are not affected by light. 2) PORCELAIN TILE: fully vitrified tile with water absorption coefficient less or equal to a mass fraction of 0.5%, belonging to group Ala and Bla.

COMPANY PROFILE:

<https://www.caesar.it/en/company/>

MANUFACTURER INFORMATION

MANUFACTURER: **Ceramiche Caesar**
 ADDRESS: **Via Canaletto, 49**
Spezzano di Fiornao, Modena 41042
 COUNTRY: **Italy**

WEBSITE: **https://www.caesar.it/en/**
 CONTACT NAME: **Ceramiche Caesar spa**
 TITLE: **Mr. Marcello Costanzini**
 PHONE: **+39 0536817362**
 EMAIL: **m.costanzini@caesar.it**

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

