

MUTINA

RECYCLED MATERIAL DECLARATION

Ceramiche Mutina SpA, headquarters in via Del Crociale 25, 41042 Fiorano Modenese (MO), Italy, according to the requirements specified in the following standards:

- UNI EN ISO 14021:2002 Environmental labels and declarations – (Type II environmental labelling)
- LEED for New Construction & Major Renovations Rating System version 2.2 – October 2005 (Green Building Council Italia - GBC e USGBC - U.S Green Building Council)

declares that

The base pug from which the ceramic slabs of the following collections are produced:

CHYMIA – by STUDIO AVALLONE

has a recycled content of

20 % for all colours

calculated as a percentage of the total weight (pre-consumer recycled material).

Fiorano Modenese, 11th March 2024

Ceramiche Mutina SpA

CERAMICHE MUTINA S.P.A.
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Tel. 0536 812800 - Fax 0536 812808

HPD UNIQUE IDENTIFIER: 11643492552704

CLASSIFICATION: 09 30 13 Ceramic Tiling

PRODUCT DESCRIPTION: Dry-pressed ceramic tiles, with water absorption <0.5% for internal and external walls and floorings. This HPD is representative of all the Mutina brand tile collections

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold Level, Residuals/Impurities Evaluation, and Characterized/Screened/Identified. Includes options for reporting methods, thresholds, and evaluation status.

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®.

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

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY GREENSCREEN SCORE | HAZARD TYPE

MUTINA FINE STONWARE PORCELAIN TILES [SILICA, AMORPHOUS (PRIMARY CASRN IS 7631-86-9) BM-1 | CAN | MAM QUARTZ (PRIMARY CASRN IS 14808-60-7) BM-1 | CAN | MAM | GEN MULLITE (AL6O5(SIO4)2) LT-UNK FELDSPAR LT-UNK | MAM]

INVENTORY AND SCREENING NOTES: Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 100 ppm] threshold to act as antimicrobials.

no

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: MAS Certified Green - VOC Emissions
Red List Free: ILFI Declare - Red List Free - Third Party Verified

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Summary table with 3 columns: Third Party Verified?, PREPARER: Self-Prepared, SCREENING DATE: 2025-07-10. Includes options for verification and dates.

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

MUTINA FINE STONEWARE PORCELAIN TILES

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Final product. Ceramic tile is a single component resulting from the vitrification process in the high temperature kiln process. No warnings or hazards are associated with the final, finished product.

OTHER PRODUCT NOTES: No warnings or hazards are associated with the final, finished product.

SILICA, AMORPHOUS (PRIMARY CASRN IS 7631-86-9)

ID: 107497-59-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-07-10 5:17:34

#: 40.0000 - 55.0000 GreenScreen: BM-1 RC: None NANO: No SUBSTANCE ROLE: Ceramic body

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	GHS - Japan	H350 - May cause cancer [Carcinogenicity - Category 1A]
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
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 - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials

SUBSTANCE NOTES:

QUARTZ (PRIMARY CASRN IS 14808-60-7)

ID: 87347-84-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2025-07-10 4:30:50

#: 15.0000 - 30.0000 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 final product is fully vetrified. Hazard is not associated with the end use of the final fired product.

MULLITE (AL6O5(SIO4)2)

ID: **1302-93-8**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2025-07-10 4:36:31**

#: **5.0000 - 20.0000** 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 final product is fully vetrified and no warnings or hazard are associated with it

FELDSPAR

ID: **68476-25-5**

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

HAZARD SCREENING DATE: **2025-07-10 4:37:39**

#: **5.0000 - 10.0000** 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 final product is fully vetrified and no warnings or hazard are associated with it

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

MAS Certified Green - VOC Emissions

CERTIFYING PARTY: Third Party

ISSUE DATE: 2024-11-07 00:00:00

CERTIFIER OR LAB: MCP

APPLICABLE FACILITIES: All

EXPIRY DATE:

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

RED LIST FREE

ILFI Declare - Red List Free - Third Party Verified

CERTIFYING PARTY: Third Party

ISSUE DATE: 2024-12-05 00:00:00

CERTIFIER OR LAB: MCP

APPLICABLE FACILITIES: All

EXPIRY DATE:

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

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

All thecnical documents can be sent upon request at: www.info@mutina.it

MANUFACTURER INFORMATION

MANUFACTURER: **Ceramiche Mutina**
 ADDRESS: **via del Crociale 25**
fiorano, Modena (MO) 41042
 COUNTRY: **Italia**

WEBSITE: **mutina.it**
 CONTACT NAME: **Matteo Galli**
 TITLE: **CTO**
 PHONE: **+390536812800**
 EMAIL: **info@mutina.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



MODENA CENTRO PROVE s.r.l.

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C.C.I.A.A. Modena n. 228587 - Tribunale di Modena n° 2231 - C.F. e P. IVA n. 01592020364

MECCANICA

ECOLOGIA

CERAMICA

ALIMENTARE



Modena,07/11/2024

Certificato n°
50 100 4582



Diploma
IWR/IT n°
30438

Abilitato per
autocontrolli
alimentari
DL 530/92 -
537/92 -
65/93

*Notifica UE
n°01599
all'attività di
certificazione
CE, ai sensi
della direttiva
305/2011/CE,
su piastrelle di
ceramica e
relativi adesivi
di posa*

Riconosciuto
dal Ministero
della Sanità
per le analisi
sull'amianto



Socio



Membro



Socio

Unione Industriali
Modena



Iscritto

Oggetto: COLLEZIONI CERAMICHE MUTINA emissione di composti organici volatili (VOC)

MODENA CENTRO PROVE, Laboratorio certificato UNI EN ISO 9001/2008 con TÜV ITALIA e in regime di qualità secondo UNI CEI ISO/IEC 17025:2005 (Accredia N° 1018), dichiara che le piastrelle (prodotte con ciclo termico da 1100° fino a 1220°C e prive di trattamenti superficiali e/o altri composti organici successivi la cottura) commercializzate da Ceramica Mutina non contengono e non rilasciano, nelle condizioni di utilizzo, composti organici volatili di nessun tipo. Appartengono quindi alla classe di emissioni VOC A+.

Object: MUTINA CERAMICS COLLECTION Emission of volatile organic compounds VOC

MODENA CENTRO PROVE, certified Laboratory UNI EN ISO 9001/2008 with TÜV ITALIA and in quality order according to UNI CEI ISO/IEC 17025:2005 (Accredia N° 1018), declare that the tile (produced with thermal cycle from 1100° to 1220°C and without post fired surface treatments and/or other organic compounds after the firings) marketed by Ceramiche Mutina they do not contain and do not release volatile organic compounds of any kind. They then belong to the emission class VOC A+.

Responsabile Sezione Ceramica
Roberto De Pasquale
P.I. De Pasquale Roberto

Direttore
Dr. Sant'Unione Giuseppe
Dr. Sant'Unione Giuseppe