



HPD

CERTIFICATION

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COMB COLLECTION

HPD UNIQUE IDENTIFIER: 29212

CLASSIFICATION: 09 30 13 Ceramic Tiling

PRODUCT DESCRIPTION: Ceramic tile full vetrified for floors and wall, for internal and external use

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i>
<input checked="" type="radio"/> Nested Materials Method	<input checked="" type="radio"/> 100 ppm	<input type="radio"/> Completed	Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Basic Method	<input type="radio"/> 1,000 ppm	<input checked="" type="radio"/> Not Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	Explanation(s) provided for Residuals/Impurities?	Screened <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Material	<input type="radio"/> Other	<input checked="" type="radio"/> Yes <input type="radio"/> No	<i>Provided screening results using HPDC-approved methods.</i>
<input type="radio"/> Product			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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

PORCELAIN CERAMIC [SILICA, VITREOUS LT-UNK | MULLITE (AL6O5(SIO4)2) LT-UNK | FELDSPAR LT-UNK | MAM]

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This material is fired at a high temperature and a sintered ceramic material

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

Recycled content: Extended Producer Responsibility (EPR) program - LEED compliant

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4 Option 2.

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2022-07-18

PUBLISHED DATE: 2022-07-19

EXPIRY DATE: 2025-07-18

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

PORCELAIN CERAMIC

#: 100.0000 - 100.0000

MATERIAL THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

MATERIAL TYPE: Ceramic

RESIDUALS AND IMPURITIES NOTES: This material is fired at a high temperature and sintered ceramic end that does not contain residuals derives from it.

OTHER MATERIAL NOTES: All substances in this material are below the reportable threshold.

SILICA, VITREOUS

ID: 11126-22-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-18 18:52:30**%: **60.0000 - 80.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	EC - CEPA DSL	Persistent
ADDITIONAL LISTINGS	AGENCY AND LIST TITLES	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: This material is fired at a high temperature and a sintered ceramic material		

MULLITE (AL6O5(SIO4)2)

ID: 1302-93-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-18 18:52:31**%: **10.0000 - 20.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Glass component**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	EC - CEPA DSL	Persistent
ADDITIONAL LISTINGS	AGENCY AND LIST TITLES	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: This material is fired at a high temperature and a sintered ceramic material		

FELDSPAR

ID: 68476-25-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-07-18 18:52:31**%: **0.0000 - 20.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Ceramic body**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MAM	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
ADDITIONAL LISTINGS	AGENCY AND LIST TITLES	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: This material is fired at a high temperature and a sintered ceramic material		

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: 2011-06-10	CERTIFIER OR LAB: Centro
APPLICABLE FACILITIES: This certification is not specific to a particular facility	EXPIRY DATE:	Ceramico di Bologna
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES:		

RECYCLED CONTENT	Extended Producer Responsibility (EPR) program - LEED compliant	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2018-09-13	CERTIFIER OR LAB: Technological
APPLICABLE FACILITIES: This certification is not specific to a particular facility	EXPIRY DATE:	Laboratory of Cooperativa
CERTIFICATE URL:		Ceramica d'Imola
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

The Cooperativa Ceramica d'Imola tiles are manufactured with selected and particularly pure raw materials that are subject to the most modern extraction and control Technologies. The high pressing force achieves, after heat treatment at over 1200, a highly compact and resistant tile with an extremely low water absorption.

The tile surfaces may, during normal wear, release some material that is not in any way harmful. Any material removed is absolutely inert from a toxicological point of view and is not harmful for the environment.

Cooperativa Ceramica d'Imola ceramic tile are not affected by fire.

They are not damaged from being exposed to flames and they limit the spreading and intensification of the flames.

Cooperativa Ceramica d'Imola ceramic tiles do not allow the proliferation of bacteria and they are ideal for locations where sterility condition must be maintained.

All waste material from the industrial production is inert and does not constitute a reactivity or resistance hazard from a chemical and Thermal point of view. The waste can be disposed in the environment without any risk or it can be reused to prepare other material (substrates, etc)

MANUFACTURER INFORMATION

MANUFACTURER: Cooperativa Ceramica Di Imola
ADDRESS: Via Vittorio Veneto 13
 Imola Bologna 40026, Italy
WEBSITE: imolaceramica.it

CONTACT NAME: Franco Billi
TITLE: Technological Laboratory Manager
PHONE: 0542601601
EMAIL: franco.billi@ccimola.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 for compliance with the HPD standard noted.