

Name Rondine s.p.a. porcelain tiles

Product ID Dry pressed ceramic porcelain tiles **Classification** 09 30 13.00 Finishes: Ceramic Tiling

Website www.ceramicarondine.it

Manufacturer Address Rondine s.p.a.
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Description This HPD cover all Rondine s.p.a. brands: Ceramica Rondine, Ceramica Sadon.

We produce dry pressed ceramic tiles, with low water absorption ($E_b \leq 0.5\%$), classified as Group BIa according with ISO 13006:2012 Annex G and EN 14411:2012 Annex G.

Rondine s.p.a. Environmental Management System is certified ISO 14001:2004 since 09/13/2011 by CERTIQUALITY, our Health and Safety Management System is also certified in compliance with BS OHSAS 18001:2007 by CERTIQUALITY since 07/10/2014.

We complete a cradle to grave LCA study for all our products verified by Third Party in compliance with ISO 14040:2006 e 14044:2006, since 05/30/2013.

There is a EPD available for all our products done in compliance with NF P01-010 and EN 15804 (www.inies.fr)

Release Date 2015-06-22 Self-declared

Expiry Date 2017-06-22 Second Party **Certifier**

HPD URL <https://tool.hpdcollaborative.org/uploads/files/hpds/1028/2384-20141128072141.pdf> Third Party **Certificate #**

SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure Measured 100 ppm (ideal) Measured 1000 ppm Predicted by process chemistry As per MSDS (1,000 & 10,000 ppm) Not disclosed Other

Full Disclosure of Intentional Ingredients Yes No

Full Disclosure of Known Hazards Yes No

Disclosure Notes

Contents in Descending Order of Quantity

SILICA, FUSED, Mullite (Al₆O₅(SiO₄)₂), Aluminosilicate, SODIUM SILICATE

Hazards

PBT (Persistent Bioaccumulative Toxic) Cancer Gene Mutation

Development Reproductive Endocrine Respiratory

Highest concern GreenScreen score - List Translator Unspecified

Neurotoxicity Mammal Skin or Eye Aquatic toxicity

Land toxicity Physical hazard Global warming Ozone depletion

Multiple Unknown

Total VOC Content

Material (g/L)	N/A	Does the product contain exempt VOCs?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Regulatory (g/L)	N/A	Are there VOC-free tints available?	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Notes

Certifications + Compliance

VOC Emissions	Zero VOC emissions - independent lab report - CDPH/EHLB Standard Method V1.1	VOC Content	N/A
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The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an "open standard" developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.

GS: GreenScreen Benchmark; RC: Recycled Content, PC: Post Consumer, PI: Post Industrial (Pre-consumer), BO: Both; Nano: comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
SILICA, FUSED	60676-86-0	75 - 85 %	LT-U	N	N	raw material for body after firing
None found	No warnings found on HPD Priority lists					
The ceramic Tiles are fired more than 1200 °C and so are classified as "inert", because they are fully vetrified.						
Mullite (Al6O5(SiO4)2)	1302-93-8	10 - 15 %	LT-U	N	N	Raw material for the body after firing
None found	No warnings found on HPD Priority lists					
The ceramic Tiles are fired more than 1200 °C and so are classified as "inert", because they are fully vetrified.						
Aluminosilicate	1327-36-2	5 - 10 %	LT-U	N	N	raw material for body after firing
None found	No warnings found on HPD Priority lists					
The ceramic Tiles are fired more than 1200 °C and so are classified as "inert", because they are fully vetrified. This percentage include also "plagioclase" (close to 8%).						
SODIUM SILICATE	1344-09-8	R	LT-U			Additive - Non-reactive
None found	No warnings found on HPD Priority lists					
This component is used in a very low percentage in order to improve the raw material wet grinding with water.						

CERTIFICATIONS AND COMPLIANCE

Certifying Party = First: Manufacturer's self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

Applicable facilities = Manufacturing sites to which testing applies.

Type	Standard or Certification	Certifier or Laboratory
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	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC Emissions	Zero VOC emissions - independent lab report - CDPH/EHLB Standard Method V1.1			Berkeley Analytical
	1st party manufacturer claim	2008-03-04	2015-12-31	https://tool.hpdcollaborative.org/uploads/files/certifications/1028/1417169421.pdf
	All			
	LEED_V4 EQc2 low emitting materials Emission and Content requirements - Inherently nonemitting sources. Products that are inherently nonemitting sources of VOCs are considered fully compliant without any VOC emissions testing if they do not include integral organic-based surface coatings, binders, or sealants. In any case we arrange test to confirm this statement and is attached			
VOC Content	N/A			
Recycled Content	Not tested			
Management	ISO 14001			unspecified
	Rondine UNI_EN_ISO_14001-			
	All			

ACCESSORY MATERIALS

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products.

Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
Condition when required or recommended and/or other notes	
FILACleaner	
A detergent for all floors: essential for after installation cleaning of acid sensitive material such as polish natural stone or polish agglomerates (see http://www.filasolutions.com/index.php?cultureKey=en&q=products/full-range/cleaning-products/)	
Adhesives and grouts	
Adhesive: mixture of hydraulic binding agents, aggregates, and organic additives, to be mixed with water or liquid admix just before use, for installation of tiles. Grout: mixture of hydraulic binding agents, aggregates, inorganic and organic additives used to fill the joints between tiles.	

NOTES

