

Name INDUSTRIE CERAMICHE PIEMME S.P.A. - Porcelain tiles

Product ID Dry pressed ceramic tiles - Group Bla **Classification** 09 30 13.00 Finishes: Ceramic Tiling

Website www.ceramichepiemme.it

Manufacturer Industrie Ceramiche Piemme S.p.A. **Contact Name** Francesco Accardi
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Description This HPD covers all Industrie Ceramiche Piemme S.p.A. brands: PIEMMEGRES, PIEMME by VALENTINO, PIEMME STUDIO, CLUB. Dry pressed ceramic tiles are classified as Bla group in according with ISO 13006:2012 / EN 14411:2012 Annex G. In accordance with TUV AUSTRIA CERT procedures, Industrie Ceramiche Piemme S.p.A. applies a Quality and Environmental Management System certified ISO 9001:2008 and ISO 14001:2004 since 2014/04/17.

Release Date 2015-05-21 Self-declared
Expiry Date 2018-05-21 Second Party **Certifier**
HPD URL <https://tool.hpdcollaborative.org/uploads/files/hpds/1276/3355-20150521100646.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 (Al₂O₃(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?** N/A Yes No
Regulatory (g/L) N/A **Are there VOC-free tints available?** N/A Yes No

Notes

Certifications + Compliance

VOC Emissions Zero VOC emissions - independent lab report - CDPH/EHLB Standard Method V1.1 **VOC Content** N/A

Recycled Content Recycled Content Certification

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	PI	N	Raw material
None found	No warnings found on HPD Priority lists					
Ceramic Tiles manufactured by Industrie Ceramiche Piemme S.p.A. are obtained by an industrial process in which the firing phase is oxidant and it is performed at high temperature, more than 1200 °C. All elements are vitrified and classified INERT						
Mullite (Al6O5(SiO4)2)	1302-93-8	5 - 10 %	LT-U	N	N	Raw material
None found	No warnings found on HPD Priority lists					
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Aluminosilicate	1327-36-2	5 - 10 %	LT-U	N	N	Raw material
None found	No warnings found on HPD Priority lists					
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SODIUM SILICATE	1344-09-8	R	LT-U			Additive - Non-reactive
None found	No warnings found on HPD Priority lists					
Component used in very low percentage to improve the wet raw material 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
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC	Zero VOC emissions -			Berkeley Analytical

Emissions	independent lab report - CDPH/EHLB Standard Method V1.1			
	1st party manufacturer claim	2013-10-16	2016-10-15	\
	All			
	\			
VOC Content	N/A			
Recycled Content	Recycled Content Certification			Bureau Veritas Italia S.p.a.
	3rd party independent certification	2014-06-26	2017-06-25	www.bureauveritas.it/wps/wcm/connect/bv_it/local/home/clients/registro+aziende+certificate
	All			
	Presence of at least 10 % pre-consumer recycled ceramic content by weight. Tiles made employing an atomized mixture called " IGP02 ".			
		2014-04-17	2017-04-16	www.tuev.at/start/browse/en/Webseiten/TUV%20Austria%20Cert/Ricerca%20di%20clienti%20e%20partner%20certificati?localeChanged=true
	All			
	Environmental and Quality Management System - EN ISO 9001:2008 - EN ISO 14001:2004			

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	

NOTES

Ceramic tiles manufactured by Industrie Ceramiche PIEMME S.p.A. are obtained by an industrial process in which the firing phase is oxidant and it is performed at high temperature (over 1200°C for BIa group). During firing, in presence of oxygen, all organic compounds become oxidised, with consequent emission of combustion gases. Above 450°C+500°C no organic compounds can be present in fired material. Therefore ceramic tiles are completely without VOC.