

SECTION 1: IDENTIFICATION OF THE ARTICLE AND OF THE COMPANY / UNDERTAKING		
1.1	Product identifier	
	Commercial name	Panariagroup Porcelain Tiles with fiberglass mesh manufactured by Panaraigroup Industrie Ceramiche S.p.A.
1.2	Use	Coating of floors, walls and in general of surfaces
1.3	Details of the supplier of the safety data sheet	Panariagroup Industrie Ceramiche S.p.A. Via Panaria Bassa, 22/a 41034 Finale Emilia (MO) Tel: +39 0536 915211 Fax: +39 0536 915221

SECTION 2: HAZARDS IDENTIFICATION	
2.1	Classification
	The product is an article in accordance with Regulation 1272/2008/EC therefore not subject to classification according to the same.
2.2	Label elements
	<p>The product is not subject to labeling in accordance with Regulation 1272/2008/EC</p> <p>Additional labeling: <u>Cutting Instructions</u></p> <p>We recommend wet cutting or the score and snap method during the installation process. Improper installation techniques could expose installer to inhalation of harmful silica dust (SiO₂). Do not dry cut using power tools during the installation process. Using dry cutting methods could present a risk of acute lung injury. If adequate ventilation cannot be achieved, wear a mask or respirator.</p>
2.3	Other hazards
	<p>During the processing operations, respirable crystalline silica can be generated in suspension in the air. Exposure during work to respirable crystalline silica dust must be monitored and controlled. During processing operations, mechanical irritation of the skin, eyes and upper respiratory tract may occur. There may be the formation of non-fibrous dust which can be inhaled or fibrous particles which are not respirable.</p> <p>According to the available data, the product does not contain any PBT or vPvB substances with endocrine disrupting properties of more than 0.1%.</p>

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS	
	<p>Ceramic material coupled to a fiberglass mat with two-component polyurethane adhesive.</p> <p>The components of the ceramic material are incorporated into the matrix.</p>

SECTION 4: FIRST AID MEASURES	
4.1	Description of first aid measures
	<p>Skin contact: no specific effects are known. In case of skin cuts seek medical assistance.</p> <p>Eye contact: wash the eyes with plenty of water keeping the eyelids open. In case of contact with splinters or irritation seek medical assistance.</p>

	Inhalation: route of exposure not relevant for the article. In the case of exposure to dust generated during processing, transport outdoors. Consult a doctor if symptoms occur. Ingestion: route of exposure not relevant for the article.
4.2	Most important symptoms and effects, both acute and delayed
	Information not available.
4.3	Indication of any immediate medical attention and special treatment needed
	Treat according to symptoms. No specific treatment.

SECTION 5: FIREFIGHTING MEASURES	
The article is not flammable.	
5.1	Extinguishing media
	Suitable extinguishing media: Use extinguishing systems compatible with the local situation and the surrounding environment.
	Unsuitable extinguishing media: Jet of water.
5.2	Special hazards arising from the article
	The product is not flammable, combustible or explosive. The binding components present begin to decompose at temperatures above 200°C with the formation of gas which, in relation to the combustion conditions, in addition to carbon dioxide, may contain carbon monoxide, nitrogen oxides and partially unburnt carbon compounds.
5.3	Advice for firefighters
	No specific fire protection is required. Use an extinguishing agent suitable for the surrounding fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES	
6.1	Personal precautions, protective equipment and emergency procedures
	None in particular for the product in the form in which it is supplied (plates). When handling whole plates or parts of them, use cut-resistant gloves and protective goggles (see Section 8).
6.2	Environmental precautions
	Avoid release to the environment.
6.3	Methods and material for containment and cleaning up
	Recover the product if possible. Collect mechanically, dispose of in accordance with national and local waste regulations (see Section 13).
6.4	Reference to other sections
	For information on PPE refer to Section 8. For disposal refer to Section 13.

SECTION 7: HANDLING AND STORAGE	
7.1	Precautions for safe handling
	Wear personal protective equipment (see Section 8) If the material is in cut, crushed or abraded pieces, protect from exposure to dust. Do not eat, drink, smoke in the work areas. Wash your hands after using the product. Do not enter areas where food and drinks are consumed wearing contaminated clothing.
7.2	Conditions for safe storage, including any incompatibilities
	No special storage conditions are required.
7.3	Specific end use(s)
	Information not available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Limit values in the workplace:

Respect the legal exposure limits in the workplace for any type of dust dispersed in the air (e.g. total dust, respirable dust, respirable crystalline silica dust).

Respirable crystalline silica powder: OEL (EU) = 0.1 mg / m³ (inhalable fraction, 8h)

Exposure limits for fiberglass and for respirable and non-respirable glass powder:

State	Dust	TWA (Time-Weighted Average concentration) (mg/m ³ for 8 h of work)	Fiber	TWA (Time-Weighted Average concentration) (Fiber/ml for 8 h of work)
Austria	fine	6	total	0.5
Belgium	total	10	none	
Denmark	total breathable	5 10	norm	1
Finland	total	10	total	1
France	total	10	total	1
Germany	respirable	3	respirable	0.25
Great Britain	total breathable	5 10	respirable	2
Ireland	respirable	5	respirable	2
Italy	total breathable	3 10	respirable	1
Norway	total breathable	5 10	total	1
Netherlands	total breathable	2 10	total	1
Portugal	total	4	total	1
Spain	total	10	total	1
United States	total breathable	5 (OSHA) 15 (OSHA)	total	1 (ACGIH)
Sweden	total breathable	5 10	total	1
Switzerland	Total	6	total	0.5

8.2 Exposure controls

Collective protection systems

If the material is mechanically processed with dust formation, identify the potential exposure situations and then provide for the consequent technical (localized aspirations and / or adequate ventilation) and organizational adjustments.

	<p>Respiratory protection If the dust concentration exceeds the exposure limit value at the workplace, it is necessary to wear a suitable respiratory protection system (we recommend a nose-mouth mask equipped with a dust filter P2 UNI EN 143).</p> <p>Hand protection It is recommended to use cut-resistant protective gloves to handle the material and to work it in pieces.</p> <p>Eye and face protection It is recommended to wear safety glasses with side protection compliant with UNI EN 166.</p> <p>Skin protection Wear category I professional long-sleeved overalls and safety footwear (ref. Reg. (EU) 2016/425 and standard EN 344).</p>
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties
	<p>Appearance: solid sheet.</p> <p>Odour: odourless</p> <p>Relative apparent density: 2,3 g/cm³(water = 1 g/cm³)</p> <p>Water solubility: not soluble</p>
9.2	Other information
	Information not available.

SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity
	Under normal conditions of use and storage there are no particular risks of reaction with other substances.
10.2	Chemical stability
	The product is stable under normal conditions of use and storage.
10.3	Possibility of hazardous reactions
	In normal conditions of use and storage no dangerous reactions are foreseeable.
10.4	Conditions to avoid
	To the best of our knowledge there are no conditions to be avoided.
10.5	Incompatible materials
	No data available.
10.6	Hazardous decomposition products
	No dangerous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on hazard classes as defined in Regulation (EC) No 1272/2008
	<p>No specific product data are available.</p> <p>The dust resulting from the processing of the product can cause irritation or damage of skin and eye due to mechanical action.</p>
	<p>In consideration of the composition, the powders that are formed in the cutting, crushing or grinding processes of the product can contain respirable crystalline silica.</p> <p>Repeated exposure to dusts exceeding the limits indicated in point 8.1, deriving from cutting, crushing or grinding the slabs can give rise to forms of silicosis or other pathological forms.</p> <p>With regard to fiber-glass, the International Agency for Research on Cancer (IARC) has defined continuous fiber-glass filaments as not classifiable for human carcinogenicity (Group 3). The</p>

	results of human and animal studies have been assessed by the IARC as insufficient to classify continuous fiber-glass filaments as a possible, probable or certain carcinogenic material.
11.2	Information on other hazards
	According to the available data, the product does not contain substances with endocrine disrupting properties in percentage higher than 0.1%.

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity
	No toxic effects known
12.2	Persistence and degradability
	No data available.
12.3	Bioaccumulative potential
	No data available.
12.4	Mobility in soil
	No data available.
12.5	Results of PBT and vPvB assessment
	Based on available data, the product does not contain PBT or vPvB substances in percentage greater than 0.1%.
12.6	Endocrine disrupting properties
	According to the available data, the product does not contain substances with endocrine disrupting properties in percentage higher than 0.1%.
12.7	Other adverse effects
	No other adverse effects are known.

SECTION 13: Disposal considerations

13.1	Waste treatment methods
	Where possible, recycling is preferable to disposal. Dispose of in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

	Goods not classified as dangerous.
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SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific
	Reg. (EC)1907/2006 – REACH Candidate List Substance None Authorization (annex XIV) None Restrictions (annex XVII) None
15.2	Chemical safety assessment
	A chemical safety assessment is not required for the articles.

SECTION 16: OTHER INFORMATION

This document is based on the data currently in our possession and we will take care of completing and updating it. The information refers only to the product indicated.
Any use of the product that does not comply with the provisions of this document is the sole responsibility of the user himself. This document cancels and replaces any previous edition.