

Safety Data Sheet dated 24/01/2019, revision 0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Mixture identification: PORCELAIN STONEWARE SLABS
Trade name: PORCELAIN STONEWARE SLABS
Commercial code: PORCELAIN STONEWARE SLABS

1.2. Relevant identified uses of the substance or mixture and uses advised against: coverings for buildings

1.3. Details of the supplier of the safety data sheet

Supplier: INFINITY
VIA BOTTEGONE 83
41026 PAVULLO NEL FRIGNANO (MO)
REFERENCE NUMBER: 0536-29627 (from 8 am - 12 pm and 2-6 pm)
FAX 0536-29766
MAIL: d.corsini@infinitysurfaces.it

1.4. Emergency telephone number

Poisons Information Centre Milan 02 66101029
Poisons Information Centre Bologna 051 333333
Poisons Information Centre Turin 011 6637637
Poisons Information Centre Pavia 0382 24444
Poisons Information Centre Padua 049 8275078
Poisons Information Centre Genoa 010 5636245
Poisons Information Centre Florence 055 4277238
Poisons Information Centre Rome 06 3054343 – 06 49970698
Poisons Information Centre Naples 081 7472870

SECTION 2: Hazards identification

There is no proof or indication that the whole, finished product (definable as an "article" pursuant to Regulation EC 1907/2006, Article 3 (3) has any risks according to Directives 67/548/EC, 99/45/EC, amendments thereto and Regulation EC No1272/2008 (CLP):

In the case of the breakage of the article or its processing involving crushing, breakage, cutting, sanding or any other process which could lead to the release of dusts traceable to the matrix of the article, it may generate crystalline silica powder. The breathable fraction of crystalline silica, particularly during prolonged exposures and/or exposures to high concentrations, may lead to lung damage or illnesses, such as silicosis. The hazard assessment refers to this specific case.

Crystalline silica contents < 25%

2.1. Classification of the substance or mixture

Criteria of Directives 67/548/EC, 99/45/EC and amendments:

Properties/Symbols:

Not applicable

Criteria of Regulation EC 1272/2008 (CLP):

Hazard, STOT RE 1, Causes damage to organs through prolonged or repeated exposure.



Harmful physical-chemical effects on human health and the environment:

No other danger

2.2. Label elements

Symbols:

The whole, finished product does not require labelling as hazardous, in compliance with Regulation EC 1907/2006, Directives 67/548/EC, 99/45/EC, amendments thereto and Regulation EC No 1272/2008 (CLP):

Danger

Hazard statements:

H372 Causes damage to organs through prolonged or repeated exposure (Inhalation).

Precautionary statements:

P260 Do not breathe dust.

P264 Wash thoroughly after use.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection.

P284 Wear respiratory protection (P3).

P314 Get medical advice/attention if you feel unwell.

P501 Dispose of contents/container in conformity with the regulations in force.



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Special provisions:

-

Contains

QUARTZ

Special provisions according to Annex XVII of the REACH regulation and amendments:

None

2.3. Other hazards

vPvB substances: None - PBT substances: None

Other hazards:

No other danger

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components pursuant to Directive EEC 67/548 and the CLP regulation and relative classification:

≥ 10% - < 25% QUARTZ

CAS: 14808-60-7, EC: 238-878-4

substance with a community workplace exposure limit (see section 8)



3.9/1 STOT RE 1 H372

SECTION 4: First aid measures

4.1. Description of first aid measures

There is no proof or indication that the whole, finished product (definable as an "article" pursuant to Regulation EC 1907/2006, Article 3 (3) has any risks according to Directives 67/548/EC, 99/45/EC, amendments thereto and Regulation EC No1272/2008 (CLP):

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In case of skin contact:

Wash with plenty of water and soap.

In case of contact with eyes:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed:

Do not induce vomiting. SEEK MEDICAL ADVICE IMMEDIATELY.

If inhaled:

Remove casualty to fresh air and keep at rest.

4.2. Most important symptoms and effects, both acute and delayed

Depending on the type of processing, may disperse breathable crystalline silica in the air. The breathable fraction of crystalline silica, particularly during prolonged exposures and/or exposures to high concentrations, may lead to lung damage or illnesses, such as silicosis. The main symptoms of silicosis are coughing and dyspnea. Occupational exposure to breathable crystalline silica dust must be monitored and controlled.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment:

None

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Powder.

Foam

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

The material has no risks.

5.3. Advice for fire-fighters

Use appropriate respiratory equipment.

Collect contaminated water used to extinguish the fire separately. Do not discharge into the sewers.

If feasible in safety terms, move any undamaged material outside the immediate danger area.

SECTION 6: Accidental release measures

The material has no risks of accidental dispersion in the environment

- 6.1. Personal precautions, protective equipment and emergency procedures
Consult the protective measures described in points 7 and 8.
 - 6.2. Environmental precautions
Prevent the release of the material into surface waters or sewers.
Suitable collection material: manual or mechanical handling
 - 6.3. 6.3 Methods and material for containment and cleaning up
Remove the substance and any debris.
 - 6.4. Reference to other sections
See also paragraphs 8 and 13
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SECTION 7: Handling and storage

There is no proof or indication that the whole, finished product (definable as an "article" pursuant to Regulation EC 1907/2006, Article 3 (3) has any risks according to Directives 67/548/EC, 99/45/EC, amendments thereto and Regulation EC No1272/2008 (CLP):

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- 7.1. Precautions for safe handling
Avoid contact with skin and eyes, avoid dust inhalation.
Do not use empty containers before they have been cleaned if they contain debris or residues or dusts generated by the material.
Before transfer operations, ensure that there is no broken or crushed material.
Work clothing or clothing contaminated with crushed material or dust must be replaced before entering dining areas and after leaving the working areas.
Do not eat or drink during processing or when handling crushed material and dusts.
Do not wear contact lenses or eat or drink during processing or when handling crushed material and dusts.
Refer also to paragraph 8 for recommended protective equipment.
 - 7.2. Conditions for safe storage, including any incompatibilities
With reference to material subject to breakage, crushing or in any case when generating dusts, keep away from food, drink and animal feeding stuffs.
Store carefully to avoid material breakages.
Incompatible materials:
None in particular. See also paragraph 10 below.
Indication for storage rooms:
Suitably ventilated storage rooms. Prevent the formation of dusts originating from the material.
 - 7.3. Specific end uses
No particular use
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SECTION 8: Exposure controls/personal protection

There is no proof or indication that the whole, finished product (definable as an "article" pursuant to Regulation EC 1907/2006, Article 3 (3) has any risks according to Directives 67/548/EC, 99/45/EC, amendments thereto and Regulation EC No1272/2008 (CLP):

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- 8.1. Control parameters
QUARTZ - CAS: 14808-60-7

Occupational Exposure Limits in mg/m³ over 8 hours (TWA)

Country	Dust (generic)	Quartz
Austria / I	6	0.15
Belgium / II	3	0.1
Bulgaria / II	4	0.07
Cyprus / IV	/	10k/Q ²
Denmark / VI	5	0.1
Estonia		0.1
Finland / VII		0.2
France / VIII		5 or 25k/Q
France / IX	5	0.1
Germany / X	3	/ ³
Greece / XI	5	0.1
Ireland / XII	4	0.05
Italy / XII	3	0.025
Lithuania / XIV	10	0.1
Luxembourg / XV	6	0.15
Malta / XVI ⁴	/	/
Norway / XVIII	5	0.1
The Netherlands / XVII	5	0.075
Poland		0.3
Portugal / XIX	5	0.025
United Kingdom / XXIV	4	0.1
Czech Republic / V		0.1
Romania / XX	10	0.1
Slovakia		0.1
Slovenia		0.15
Spain / XXI	3	0.1
Sweden / XXII	5	0.1
Switzerland / XXIII	6	0.15
Hungary		0.15

² Q: percentage of quartz – K=1.

³ Germany no longer has an OEL for quartz. Employers are required to minimise exposure and comply with specific protective measures.

⁴ If necessary, the Maltese authorities refer to United Kingdom values for OELV which do not exist in Maltese legislation.

Exposure limit values DNEL

N.A.

Exposure limit values PNEC

N.A.

8.2. Exposure controls

Eye protection:

Not required for normal use Work in any case according to good working practices.

In the case of dusts generated by material processing or breakages, use full facial protection according to the provisions of EN166:2001

Skin protection:

No special precautions are required for normal use. Work in any case according to good working practices.

In the case of dusts generated by material processing or breakages, wash or dispose of any clothing used. Do not use compressed air.

Hand protection:

Not required for normal use Work in any case according to good working practices. In the case of material processing or breakages, use cut/resistant safety gloves.

Respiratory protection:

Use respiratory protection type P3, in accordance with EN 143:2001 and subsequent revisions EN 143/AC2002, EN 143/AC 2005, including dust removal activities, such as water processing in the case of processing or crushing or the creation of dusts traceable to the material composition.

Thermal hazards:

None

Environmental exposure controls:

None

Suitable technical controls:

Monitoring of parameters listed in point 8.1. Use dust removal means when processing or crushing the material.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance and colour:

solid, colour according to commercial context

Odour:

odourless

Odour threshold:

N.A.

pH:

not applicable

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Melting point/freezing point:	not applicable
Initial boiling point/boiling range:	not applicable
Flammability (solid, gas):	non-flammable
Upper/lower flammability or explosive limits:	N.A.
Vapour density:	not applicable
Flash-point:	not applicable
Evaporation rate:	N.A.
Vapour pressure:	not applicable
Relative density:	2300-2700 kg/m ³
Water-solubility:	not applicable
Solubility in oil:	not applicable
Partition coefficient (n-octanol/water):	not applicable
Auto-ignition temperature:	Not self-igniting
Decomposition temperature:	N.A.
Viscosity:	N.A.
Explosive properties:	not applicable
Oxidising properties:	not applicable
9.2. Other information	
Miscibility:	N.A.
Fat solubility:	N.A.
Conductivity:	N.A.
Characteristic properties of groups of substances	N.A.

SECTION 10: Stability and reactivity

- 10.1. Reactivity
 - Stable in normal conditions
- 10.2. Chemical stability
 - Stable in normal conditions
- 10.3. Possibility of hazardous reactions
- 10.4. Conditions to avoid
 - Stable in normal conditions.
 - Avoid contact with surface temperatures above 150 °C.
 - Avoid impacts which could cause the material to break.
- 10.5. Incompatible materials
 - None in particular
- 10.6. Hazardous decomposition products
 - None known.

SECTION 11: Toxicological information

- 11.1. Information on toxicological effects
 - Toxicological information concerning the mixture:
 - N.A.

Toxicological information concerning the main substances present in the mixture:

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Unless otherwise specified, the required data according to Regulation 453/2010/EC indicated below is deemed to be N.A.:

- a) acute toxicity;
- b) skin irritation/corrosion;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) Specific target organ toxicity (STOT) — single exposure;
- i) Specific target organ toxicity (STOT) — repeated exposure;
- j) aspiration hazard.

SECTION 12: Ecological information

- 12.1. Toxicity
 - Use according to good working practices, do not release to the environment.
 - N.A.
- 12.2. Persistence and degradability
 - N.A.
- 12.3. Bioaccumulative potential

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- N.A.
12.4. Mobility in soil
N.A.
12.5. Results of PBT and vPvB assessment
vPvB substances: None - PBT substances: None
12.6. Other adverse effects
None
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SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
Recycle if possible. Work according to local and national regulations. The crushed material must be collected using methods that avoid dust propagation
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SECTION 14: Transport information

Unless otherwise specified, the required data indicated below is deemed to be N.A.:

- 14.1. UN number
14.2. UN proper shipping name
ADR-Shipping Name:
IATA-Shipping Name:
IMDG-Shipping Name:
14.3. Transport hazard classes
14.4. Packing group
14.5. Environmental hazards
14.6. Special precautions for users
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
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SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Italian Legislative Decree - D.Lgs. No 52 of 3/2/1997 (Classification, packaging and labelling of hazardous substances)
D.Lgs. No 65 of 14/3/2003 (Classification, packaging and labelling of hazardous preparations)
Italian Legislative Decree - D.Lgs. No. 81 of 9/4/2008
Ministerial Decree - D.M. Labour law 26/02/2004 (Occupational exposure limits)
Ministerial Decree - D.M. 03/04/2007 (Implementation of Directive 2006/8/EC)
Regulation (EC) No 1907/2006 (REACH)
Regulation (EC) No 1272/2008 (CLP) and ATP in force
Regulation (EU) No 453/2010 (Annex I)
Restrictions concerning product or substances contained according to Annex XVII of Regulation (EC) 1907/2006 (REACH) and amendments:
Restrictions concerning the product:
No restriction.
Restrictions concerning the substances contained:
No restriction.
Where applicable, refer to the following regulations:
Decree Law - D.L. No. 153 of 3/4/2006 Environmental laws
Provisions concerning Directive 2012/18/EU (Seveso III):
N.A.
15.2. Chemical Safety Assessment
No
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SECTION 16: Other information

Text of phrases used in paragraph 3:
H372 Causes damage to organs through prolonged or repeated exposure.
This document was drafted by a technician competent in SDS matters who has received appropriate training in compliance with the CLP Regulation (EC) No 1272/2008.

Main bibliographical sources:
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
CCNL - Annex 1
Higher Health Institute - National Inventory of Chemical Substances

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The information contained herein is based on our knowledge at the date indicated above. It refers exclusively to the product indicated and does not constitute a guarantee of any specific qualities.

The user is responsible for ensuring the suitability and completeness of this information in relation to the specific intended use.

This sheet annuls and replaces all previous editions.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labelling, Packaging.
DNEL:	Derived no-effect level.
EINECS:	European Inventory of Existing Commercial chemical Substances.
GefStoffVO:	German regulation on hazardous substances.
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation of the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical instructions of the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Dangerous Goods Code.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration for 50 percent of the test population.
LD50:	Lethal dose for 50 percent of the test population.
LTE:	Long-term exposure.
PNEC:	Predicted no-effect concentration.
RID:	Regulation concerning the International Carriage of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short term exposure limit.
STOT:	Specific target organ toxicity.
TLV:	Threshold limit value.
TWATLV:	Threshold limit value – time-weighted average. (ACGIH Standard).
WGK:	Water hazard class (Germany).