

## SAFETY INFORMATION SHEET

*Under the current regulatory framework on substances and mixtures, and in particular the REACH Regulation (EEC/EU no. 1907 dated 18/12/2006) and subsequent amendments and additions and the CLP Regulation (EEC/EU no. 1272 dated 16/12/2008) and subsequent amendments and additions, the product to which this documentation refers is an "article". Unlike the suppliers of substances and mixtures, suppliers of articles are not obliged to provide their customers with standardised information.*

*Therefore the issue of a Safety Data Sheet (SDS) pursuant to art. 31 is not compulsory for this product.*

*This document is therefore purely informative, drawn up to allow correct use of the product, on the basis of the sixteen-point structure contained in annex II of the REACH Regulation.*

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### **SECTION 1: Identification of the Product and Company**

#### **1.1 Identification of the product**

Commercial name: SAPIENSTONE.

#### **1.2 Relevant identified uses of the substance or mixture and uses advised against**

Sector of use

Ceramic floor and wall covering slabs for use indoors and outdoors, in civil, commercial and industrial locations.

#### Uses advised against:

This product is intended for professional users.

Do not use in working processes other than those listed.

#### **1.3 Company**

Producer/supplier: GranitiFiandre S.p.A.

divisione SapienStone - GranitiFiandre S.p.A.

Via Radici Nord, 112, 42014 Castellarano (RE), Italy

Tel. +39 0536 819611

e-mail: info@granitifandre.it

### **SECTION 2: Hazards identification**

#### **2.1 PRODUCT CLASSIFICATION**

The product as supplied - Ceramic Slabs - is not classified as hazardous under **Regulation (EC) no.1272/2008** and does not involve risks for people or the environment; it can be installed by gluing.

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### 2.2 HEALTH AND SAFETY RISKS

Any dry mechanical processing such as cutting, deburring, smoothing or drilling, involving abrasion of the material, generates small quantities of crystalline free silica, hazardous if breathed in/inhaled. In this case users must consider the relevant risks and use devices and precautions to combat the relative problems.

- Cutting hazard due to pieces/fragments/splinters, generated by mechanical cutting or impacts, for example.
- Crushing/bruising hazard due to dropping of slabs if not correctly handled.

During mechanical handling, protective goggles should be worn, and if airborne particles are generated, use a suitable face mask and/or breathing systems.



### 2.3 ENVIRONMENTAL HAZARDS

Ceramic slabs are inert and non-biodegradable, and therefore survive durably in the environment.

### 2.4 LABELLING

Labelling in accordance with Regulation (EC) no. 1272/2008 not applicable

Danger symbols not applicable

Remember that the user is responsible for assessing precautions and protective measures on a case-by-case basis, in order to prevent or minimise the formation of airborne particles and adopt suitable preventive measures in relation to the hazards arising from the use of Slabs.

## ***SECTION 3: Composition/information on ingredients***

### ***3.1 COMPOSITION***

Ceramic slabs are made using different minerals of natural and synthetic origin.

### ***3.2 INFORMATION ON INGREDIENTS.***

The product does not contain SVHC substances (Information pursuant to Reg. 1907/2006 – REACH, Art. 33).

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### **SECTION 4: First aid measures**

#### **4.1 Inhalation of airborne particles**

In the event of prolonged inhalation exposure to the airborne particles generated by dry mechanical procedures, especially if the operation is carried out in an enclosed or poorly ventilated place, irritation of the eyes and respiratory system may occur. In this case, take the exposed personnel out of the workplace, ensure they breathe in fresh air and seek medical advice.

**4.2 Contact with the skin:** The product is generally not irritating to the skin. In the event of splinters, wash with plenty of fresh water, do not attempt to remove the material from the skin with the aid of solvents or other items, and seek medical advice.

**4.3 Contact with the eyes:** rinse immediately with plenty of fresh water for at least 15 minutes, do not attempt to remove particles of the substance from the eyes and seek specialist advice.

**4.4 In Case of Ingestion** seek medical advice immediately.

### **SECTION 5: Fire-fighting measures**

This product is not a fuel or an oxidant, except for the packagings. All fire extinguishing media are suitable, complying with normal fire-fighting procedures.

Reaction to fire: Slabs are classified in class A1 under decision 96/603/EC and its amendments.

### **SECTION 6: Accidental release measures**

Not applicable.

### **SECTION 7: Handling and storage**

#### **7.1 Precautions for safe handling**

Do not allow airborne particles to disperse during cutting or polishing of the product. Keep the premises well ventilated. Avoid contact with eyes and inhalation of airborne particles. Use the correct manual handling techniques for the size and weight of the product.

#### **7.2 Conditions for safe storage, including any incompatibilities**

**Storage:** No particular conditions are required, but storage in a cool, dry place, on a solid, stable surface, is recommended. Do not stack slabs/packs/crates unless otherwise specified and illustrated on primary and secondary packaging.

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### **SECTION 8: Exposure controls/personal protection**

For information only, when performing operations which generate airborne particles, the particles generated may render checks necessary.

#### **8.1 Control Parameters**

<b>Ingredients the limit values of which must be kept under control in workplaces:</b>	
<b>14808-60-7 quartz (SiO<sub>2</sub>)</b>	
TWA	Long-term value: 0.025 mg/m <sup>3</sup> A2, (j)
<b>14808-60-7 Crystalline free silica (fine fraction)</b>	
TWA	Long-term value: 0.025 mg/m <sup>3</sup> A2, (j)

#### **Additional exposure limit values for possible hazards during processing:**

Airborne particles: TLV-TWA: 10 mg/m<sup>3</sup> (Inhalable fraction)

TLV-TWA: 3 mg/m<sup>3</sup> (Breathable fraction)

Comply with legal occupational exposure limit values for any type of airborne particles (e.g. total particles, breathable particles, breathable crystalline silica particles).

The occupational exposure limit (OEL) for breathable airborne crystalline silica particles is 0.025 mg/m<sup>3</sup> in Italy, measured as TWA (Time Weighted Average) over 8 hours.

For the equivalent limits in other countries, contact a competent occupational health professional or the relevant authority.

#### **8.2 Exposure controls**

Below we suggest, as a non-exhaustive example, some precautions to eliminate/minimize/contain the formation/presence of dust and for protection. The following measures must be appropriate to the type and method of processing.

##### **8.2.1 Technical measures**

- Wet processing to reduce the formation of dust
- Ensure adequate ventilation, if possible with suction fans at the workplace and through a centralised suction system.
- Check the air regularly.
- If ventilation is not sufficient to keep the concentration of vapours below the exposure limit values, wear respiratory equipment.
- avoid activities that cause the release of dust into the environment (for example, do not clean with a spray of compressed air but prefer cleaning by suction).

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### 8.2.2 Personal protective equipment

Operators should be provided with protective equipment such as:

<b>Protective goggles</b>		Mask goggles (UNI EN 166) during cutting, polishing or transport above the head
<b>Respiratory protection mask</b>		Dust mask (UNI EN 149) during operations which may generate airborne particles (cutting, deburring, smoothing, drilling or operations involving the abrasion of material) e.g. Type FP2
<b>Protective gloves</b>		Recommended when processing slabs
<b>Working clothes / overalls</b>		It is recommended to wear suitable work clothes when working with the slabs.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General information

#### Appearance

<b>Form:</b>	Slabs of different shapes and sizes, with thicknesses from 3 to 20 mm
<b>Colour:</b>	various colours
<b>Odour:</b>	Odourless
<b>Flash point:</b>	Not applicable
<b>Auto-ignition temperature:</b>	Product is not self-inflammatory
<b>Explosion hazard:</b>	Product is not explosive
<b>Density: relative (DIN 51065)</b>	Geometrical measurement 2.35 g/cm <sup>3</sup> Hydrostatic measurement 2.38 g/cm <sup>3</sup>
<b>Specific Weight: (DIN 51057)</b>	Average value 2.48 g/cm <sup>3</sup>
<b>Solubility in/Mixability with water:</b>	Insoluble/non-mixable

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### **SECTION 10: Stability and reactivity**

#### **10.1. Reactivity**

Inert, unreactive.

#### **10.2. Chemical stability**

Chemically stable.

#### **10.3. Possibility of hazardous reactions**

No hazardous reactions.

### **11. Toxicological information**

On the basis of the data available, the classification criteria are not satisfied.

### **12. Ecological information**

**Ecotoxicity** The product is stable and has no known ecotoxic effects.

Use in accordance with good working practice, preventing environmental dispersal.

### **13. Disposal considerations**

Residues of the product "as is" are classified as non-hazardous special waste.

It must be disposed of by an authorised waste management company, in accordance with national legislation and any local legal requirements.

For solid residues, disposal in an authorised landfill is recommended.

#### **PACKAGING**

Packaging must be recycled or disposed of in accordance with national waste management legislation.

### **14. Transport information**

The product is not included in any hazard classes for the transportation of dangerous goods and is therefore not subject to the relative modal regulations: IMDG (by sea), ADR (by road), RID (by rail), IACO/IATA (by air).

### **15. Regulatory information**

#### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Reference standard:

Regulation (EC) no. 1907/2006 of the European Parliament (REACH)

Regulation (EC) no. 1272/2008 of the European Parliament (CLP)

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### **16. Other information**

The data and information in this data sheet are based on the knowledge available as of the publication date.

The Company does not accept any responsibility for injury or damage arising from improper use of the knowledge contained in this document.

The data sheet supplements and does not replace the laws and standards which regulate the user's business.

The user has complete responsibility for the precautions necessary for the use he makes of the product.

It is the user's responsibility to ensure that this information is appropriate and complete with regard to the specific use he intends to make of it.