

SM MARBLE® SAFETY INDICATIONS FOR WORKING

This document is not a “material safety data sheet”; it is not required for the product as in accordance with section 31 of the REACH regulation (EC 1907/2006).

IDENTIFYING DETAILS OF THE PRODUCT AND MANUFACTURER

COMMERCIAL NAME	SM MARBLE®
USES OF PRODUCT	Stone agglomerate for indoor use; kitchen and bathroom counters, flooring, wall cladding, stairs etc.
MANUFACTURING COMPANY	Santa Margherita S.p.A. Via del marmo 1098 37020 Volargne (Verona) Italy
TELEPHONE NUMBER	+39 045 68 38 888
FAX	+39 045 68 38 800
WEBSITE	www.santamargherita.net

INFORMATION REGARDING INGREDIENTS

General composition

Components	Composition % p/p
Polymerised polyester resin	4 - 10
Marble*, Mirror, Glass, Mother of Pearl	90 - 96
Pigments	< 3,0
Additives**	< 0.5

* The marbles used may contain trace amounts of crystalline silica

**EINECS N°: 219-785-8, 280-540-3, 215-661-2, 253-384-9

All the raw materials are incorporated within the three-dimensional structure of the polyester resin during the production process and are therefore trapped and not readily available.

In compliance with the provisions of the REACH regulation, this product does not contain more than 0.1% p/p of any dangerous substance (SVHC — Substances of Very High Concern) indicated in the Candidate List as presented on the website of the European Chemicals Agency (ECHA) at :

http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp

This product is “Greenguard” certified, with certificate n° 29305-410 and “Greenguard Gold” certified, with certificate n° 29305-420 issued by the Greenguard Environment Institute. This means that the product is suitable for use in indoor environments as it meets the stringent criteria for very low emissions of volatile substances into the atmosphere required by “Greenguard Gold Certification”.

HAZARD INDICATIONS

The product itself constitutes no danger to the health and environment, in accordance with the REACH regulation (EC N° 1907/2006) and with European Directives 67/548/EEC, 91/155/EEC, 76/769/EEC, 199/45/EEC and amendments, 93/112/EEC, 2001/58/EEC and 2001/60/EEC.

In the case of cutting or grinding the product, as the material consists primarily of calcareous aggregates, based on the available data, the dust produced by the process is classified as non-hazardous to health.

The use of water-based dust suppression systems is recommended.

As with all processes with natural stone generating dust, appropriate personal protection equipment must be used to prevent inhalation and irritation caused by contact with the skin and eyes.

Exposure to dust must be monitored and kept under control, and adequate ventilation and extraction systems must be installed in the work area. Workers must be provided with FFP1 type protective masks.

FIRST AID MEASURES

These measures must only be implemented in the case of processes producing dust.

Dust contact with eyes: Rinse the eyes immediately with plenty of water. Seek medical attention.

Dust contact with skin: Wash the affected area of skin with soap and water.

Dust inhalation: If symptoms occur, remove person to fresh air. Seek medical advice if the symptoms persist.

Dust ingestion: Seek medical attention.

FIRE PREVENTION MEASURES

This product is classified with a fire reaction class of A2fl-s1 - C-s2,d2 in accordance with standard EN 13501-1. This is a product that is not easily inflammable and requires no special fire-fighting equipment.

Extinguishing agents: Any means suitable to the type of fire.

Personal protection equipment: Any means suitable to the type of fire.

PRECAUTIONS FOR USE AND PROCESSING

The use of the following appropriate personal protection equipment is recommended:

- Gloves
- Eyewear
- type FFP1 masks
- safety footwear

The use of water-cooled equipment is recommended for all processes. In the case of dry processes, the work environment must be well ventilated and/or equipped with adequate extraction systems.

HANDLING AND STORAGE

No special precautions are necessary. However, as with any other stone product, the use of the following appropriate personal protection equipment is recommended:

- Gloves
- Safety footwear

No special safety precautions are necessary for storage.

EXPOSURE CONTROL/PERSONAL PROTECTION

These measures must only be implemented in the case of processes producing dust, and do not apply to the product itself, which requires no exposure control or personal protection measures.

EXPOSURE LIMITS

No exposure limits are applicable to the product itself. The following are the exposure limits relative to the calcium carbonate dust produced during dry processes:

Limits according to ACGIH (TLV)

- Respirable fraction 3 mg/m³
- Inhalable fraction 10 mg/m³

OCCUPATION EXPOSURE CONTROL

Wash hands thoroughly before breaks and at the end of the shift. Remove dust from garments and wash them.

Eye protection: Avoid dust contact with eyes. Wear protective eyewear compliant with EC standards.

Protection of respiratory tract: Use respiratory protection equipment with a protection rating of P1 and compliant with applicable EC standards.

ENVIRONMENTAL EXPOSURE CONTROL

Ensure sufficient ventilation and/or dust extraction in the work area where dust is produced.

PHYSICAL PROPERTIES

Appearance	Solid with granular texture
Colour	See product range
Odour	Odourless
Specific weight	2450 – 2650 Kg/m ³
Water absorption (EN 14617-1)	≤ 1.00 %
Flexural strength (EN 14617-2)	10 – 35 MPa
Thermal expansion coefficient (EN 14617-11)	12 – 26 *10 ⁻⁶ °C ⁻¹
Flash point:	Not applicable
Water solubility	Insoluble

STABILITY AND REACTIVITY

This product is stable in the usage conditions for which it is intended.

To maintain the original appearance of the product, do not clean the surface with strongly alkaline products.

TOXICOLOGICAL INFORMATION

The way of possible penetration into the body with spoilage effects, is the inhalation of dust generated from cutting or grinding. The resulting irritative effects of the respiratory tract are those common to all the inert powders.

ENVIRONMENTAL INFORMATION

No harmful environmental effects are known.

WASTE MANAGEMENT CONSIDERATIONS

The product is an inert material. Disposal must be carried out in compliance with the waste disposal legislation applicable in the respective country.

TRANSPORT INFORMATION

As this product is not classified as dangerous, no special precautions are necessary for transport.

LEGISLATIVE INFORMATION

This product itself constitutes no danger to the health and environment, in accordance with the REACH regulation (EC N° 1907/2006) and with European Directives 67/548/EEC, 91/155/EEC, 76/769/EEC, 199/45/EEC and amendments, 93/112/EEC, 2001/58/EEC and 2001/60/EEC.

OTHER INFORMATION

All users of our products are required to observe the legislation applicable in the respective country of use.

The information contained herein is correct to the best of our knowledge at the time of issue. Nonetheless, its total accuracy, reliability and completeness cannot be guaranteed. It is the responsibility of the user to obtain appropriate, complete information regarding all possible uses of the product.