

Material Safety Data Sheet

1. Identification of product and company

1.1 Name of the product

All products of the family's MA, Pebble, Brazilian, Extreme, Absolute, QF, Cloudy, Add Top, Breeze and Veined.

1.2 Recommended use of the product

Quartz surface for indoor use, mainly on kitchen countertops but although for other worktops, window ledge, furniture application, wall application and similar. Please recognize that in the EU (plus Island, Lichtenstein and Norway) this product is **not certified** to be used as modular tiles for flooring and stairs (EN 15285) – so called CE-Label.

1.3 Company name and contact

Quartzforms SpA
 Burger Straße, 10
 39126 Magdeburg (Germany)
 Tel: +049 391 53 888 000
 Fax: +049 391 53 888 010
 info@quartzforms.com

1.4 Emergency contact and telephone number

Tel.: +49-361-73 07 30
 ggiz@ggiz-erfurt.de
 http://www.ggiz-erfurt.de

2. Risk

The product has not presented any type of hazard for human health and environment according to the CLP (GHS) Regulation 1272/2008, 67/548/EWG and 1999/45/EG. Please note that these recommendations are for the work on the plate. There is no risk from the installed product under normal conditions.

Because of the content of crystalline SiO₂ (up to 95%), take care while working and installing:

H372: Causes damage to organs (lung) through prolonged or repeated exposure (Breathing).



GHS precautionary statements - GHS 08

- P260: Do not breathe dust (while cutting, polishing)
- P264: Wash hands and face thoroughly after handling
- P270: Do not eat, drink or smoke when using this product
- P284: Wear respiratory protection (FFP3)
- P314: Get Medical advice/attention if you feel unwell
- P501: Dispose of waste according to local prescription



3. Composition

name	CAS	EINECS	conc.%	classification 1272/2008 (CLP)
Crushed Quartz, Glass, Mirror, Cristobalite, Granite	Quartz: 14808-60-7	Quartz: 238-878-4	1-95	STOT RE1
Polymerized orthophthalic polyester resin			5-15	
Pigments (TiO ₂ , Carbon, Cr ₂ O ₃ , Fe _n O _m) and Glitter			< 3	
Cobalt octoate	83711-44-8	280-540-3	< 0,0015 (<15ppm)	Skin Sens. 1;H317 Aqua Acut. 1;H400 Aqua Chronic 1;H410
3-Trimethoxysilylpropylmethacrylat	2530-85-0	219-785-8	< 0,2	Eye Irrit. 2; H319 STOT SE 3; H335 Skin Irrit. 2; H315

4. First aid

Contact with eyes: Keep the eyelids open and wash thoroughly with water (>5min).
Contact with skin: Wash with water and soap.
Contact by inhalation: Take the affected person to a well-ventilated place. Apply assisted ventilation if the injured person has a serious reaction.

5. Firefighting measures

Reaction to fire: category B, s1, d0 (Flame resistant with no/low smoke and no dripping).
Suitable extinction agents: any suitable agent against the type of fire.
Personal protect equipment: According to the fire.

6. Measures in case of accidental spillage

The product has no disposal risk. But to keep the work with it as save as possible please follow this references.
Personal precautions: Use safety footwear, protective gloves and respiration protection when cleaning and removing waste.
Precautions for the protection of the environment: Use water cooled tools. Avoid dry-cutting, grinding, or other dust producing treatments. If you have to, use a well-ventilated place.
Disposal: The material can be disposed as normal inert waste (building rubble or consumer waste).

7. Handling and Storage

The handling of the product requires no special measures but we recommend:

7.1 Handling

Personal precautions: Use safety footwear and protective gloves (against mechanical risks) during handle and storage operations
 Precautions for the protection of the environment: Use water cooled tools. Avoid dry-cutting, grinding, or other dust producing treatments. If you have to do use a well-ventilated place.

7.2 Storage

Avoid strong impacts. Big slabs of the product should be stored on an A-Frame. Store indoor or covered from UV-Light.

8. Exposure and personal protection control

The exposal and personal protection elements are only needed for the treatment due to the SiO₂-dust that can be generated like in any other stone treatment process.
 For the daily exposure limit values (DELV) please view for your local regulations. Usually this is <3mg/m³ (For cristobalite out of Absolute, Veined Michelangelo and Veined Cream <0,05 mg/m³).

8.1 Exposal control:

- Use forced ventilation systems and filters.
- Use systems that are using water or other liquids. For cleaning and maintenance use aspiration or water and avoid sweep or compressed air, which may generate a powder or dust environment.
- Use respiration protection. According to EN 143:2001, EN 143/AC2002 and EN 143/AC2005 we recommend particle filter FFP3.
- Use mechanical protection gloves to avoid cuts from treatment tools and sharp edges. Remove dust from your skin normal with water and soap (not with compressed air).
- Use eye-protection according to En 166:2001.

9. Physical and chemical properties

Appearance	Solid
Color	depending on type
Odor	none
pH	not applicable
Miscibility (in water)	not applicable
Water Absorption	0,03-0,1%
Density	2,1-2,5 kg/m ³
Flexural strength (thickness 2cm)	30-70 MPa
Thermal expansion coefficient (20-30 mm/m/°C)	20-30*10 ⁻⁶ /°C
Ignition temperature	not applicable
Flash point	not applicable

10. Stability and reactivity

- Avoid temperatures over 150 °C (300 °F).
- Avoid strong impacts and forces that might lead to breakage of the material.
- Avoid UV Light (only indoor use recommended).
- Avoid contact to basic liquids (e.g. caustic soda and potash).

For more information please see "Care and maintenance" at: www.quartzforms.com
 Decompositions of the products are not known.

11. Toxicological information

While manufacturing the generation of powder containing silica (SiO₂) is possible. Prolonged and/or massive inhalation of SiO₂ dust can cause pulmonary fibrosis, pneumoconiosis and silicosis. It although can make worse other diseases like bronchitis, emphysema. Silicosis leads to a lesser lung capacity and a higher risk of lung cancer. There are no other known toxicological aspects. No migration to liquids on the surface or gases leaving the product.

12. Ecological information

The products have no Eco toxicity.

13. Disposal considerations

In accordance with 91/156/EEC, 199/31/EC and R.D. 1481/2001 cuttings, rejected material and so on can be disposed at landfills for inert waste.
 The Package (e.g. plastic film) should be disposed or recycled in accordance with your national legislation.

14. Information on transport

The product is a non-dangerous product according to the criteria for land, sea and air transport.
UN Number: not assigned
Package Number: none
Sea transport IMDG/IMO not restricted
Road and Rail ADR/RID TPC/TPF not restricted
Air transport ICAO/IATA not restricted

15. Obligatory information

This material safety data sheet is produced according to CLP, (EG) 1272/2008. Labeling according to the European EEC directives.

16. Other information

For uses other than in 1.2 please contact us first.
 The information contained in this document is, according to the best of our knowledge, true and exact. However, any of the recommendations or suggestions made here are done so outside our guarantee, since the conditions of use of the product are beyond our control. Moreover, none of the contents of this material data safety sheet may be constitute as a recommendation for using any product braking the law, safety practices or patents in force on any material and its use.
 The receiver of our product must observe, on their own responsibility, the corresponding regulations and legislation. None of the data contained in this material safety data sheet constitute a guarantee of specific properties, and nor do they create a contractual relationship.
 This material safety data sheet complies with the Dangerous Substance Regulation R.D. 255/2003 and according to the European Directives 67/548/EEC, 199/45/EEC and amendments 93/112/EEC, 2001/58/EEC and 2001/60/EEC.
 More information about silica dust and good practice guide on www.nepsi.eu