

# Workshop Occupational Safety Information

**fortezza**  
QUARTZ SURFACES

## ●●● 1. PRODUCT COMPOSITION/CONTENT INFORMATION

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### Name

**Content :** Quartz (SiO<sub>2</sub>), polyester resin as binder

## ●●● 2. FIRST AID PRECAUTIONS

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**Inhalation:** If difficulty in breathing occurs due to inhalation of dust during cutting, take the patient out to the fresh air. Make sure respiratory tracts are open and if difficulty in breathing continues, ensure a qualified person with face mask give oxygen. Get medical help.

**Swallowing:** In case of swallowing dust, do not urge for vomiting. If symptoms develop or swallowing large amount of dust is swallowed, get medical help.

**Skin contact:** Wash any dust that comes into contact with the skin with soap and water after cutting. Take your clothes off and wash before reusing them or separate them to not to wear again. Get medical help if symptoms develop.

**Eye contact:** If dust gets into eyes, wash eyes with keeping eyelids open with plenty of water. Get medical help if symptoms develop.

## ●●● 3. FIREFIGHTING PRECAUTIONS

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**Extinguishing:** Use an appropriate fire extinguisher for immediate vicinity. **Special Methods:** Firefighters or those who will extinguish the fire must wear protective clothes and have self-contained (free) breathing apparatus.

**Dangers:** This product automatically ignites and burns in 490°C or higher temperatures. However, the quartz structure of this product will extinguish the flame and emit smoke. For this reason, the structure of the product will be destroyed, the product will be splintered but the flame will not continue.

**Protective Material:** Firefighters or those who will extinguish the fire must wear protective clothes and have self-contained (free) breathing apparatus.

## ●●● 4. PRECAUTIONS FOR RELEASED DUST

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If large amount of dust occurs during cutting and wiping, prevent dust occurrence with vacuuming or sweeping or prevent dust from dispersing by air by wetting the material with water. Wear safety mask and clothes when necessary. Collect all residuals in plastic containers with gas lock for proper disposal later. If you think large amount of this material gets into water main, contact with environmental protection or municipality waste management officials.

## ●●● 5. USE AND STORAGE

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**Storage:** Store away from materials that are not suitable for keeping together. See stockpile and delivery rules.

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## 6. PERSONAL PROTECTION AGAINST QUARTZ DUST

Silica may be emitted during product wiping and cutting operations. Protective mask must definitely be used during cutting operation. Wet cutting must be made in cutting operation. **Control of Contact Level:** Adequate ventilation must be provided to keep the airborne dust concentration within permitted levels during cutting, wiping and sanding operations. Wet cutting methods are recommended in order to minimize releasing dust and respirable silica particulates. **Inhalation Protection:** Special inhalation protection is not necessary during Fortezza's normal application. However, inhalation of dust must be avoided by wearing an appropriate filter mask during cutting, wiping or sanding operations. Inhalation protection is based on working area conditions and personal factors. **Protection of Eyes:** Like eye protectors used in industrial works, safety googles with side shields must be worn during cutting, wiping and sanding operations. **Protection of Hands:** Special hand protection is not necessary. **Protection of Body:** Appropriate protective clothes must be worn during cutting, wiping and sanding operations (for example cotton work overalls with buttons in neck and wrists.). Hands must be washed before eating or drinking. Clothes must be washed before reusing them.

Please contact with Fortezza for more detail.



### DANGER

**H372:** Long term or repetitive exposure (by inhaling) cause damage in lungs.

### PROTECTION

**P260:** Do not inhale released air during cutting, grinding or polishing.

**P264:** Wash your face and hands with plenty of waters after using.

**P270:** Do not smoke, eat or drink while working with/using this material.

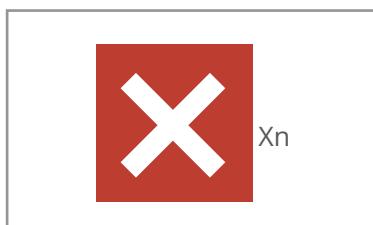
**P284:** Use protective equipment.

### FIRST AID PRECAUTIONS

**P314:** If you do not feel well, get medical advice.

**P501:** Dispose waste material in accordance with local regulations.

**Classification:** According to 1999/45/EC regulation



**R20** Harmful if inhaled. Risk of serious damage to health (R48)

**S22** Do not inhale for long term. S38 use personal protective equipment.