

# CRISTALICA®

STUDIO GLASS

## MATERIAL SAFETY DATA SHEET

Date: 24.08.2017

### SECTION 1: PRODUCT IDENTIFICATION

**Product name:** Cristalica Studio Glass  
**Generic name:** Studio Glass  
**Manufacturer:** Cristalica GmbH  
**Address:** Ringstraße 26  
03159 Döbern, Germany  
**Telephone:** +49(0) 355 289 442 190  
**Fax:** +49 (0) 355 289 442 601  
**Mail:** info@cristalica.de

### SECTION 2: PRODUCT INGREDIENTS

#### Chemical properties:

#### Cristalica Studio Glass (approx. in%)

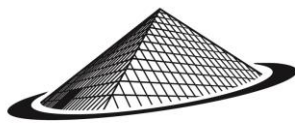
SiO <sub>2</sub>	70,57
Na <sub>2</sub> O	12,30
K <sub>2</sub> O	5,13
CaO	4,28
Al <sub>2</sub> O <sub>3</sub>	1,13
B <sub>2</sub> O <sub>3</sub>	1,75
ZnO	1,31
BaO	2,72
Sb <sub>2</sub> O <sub>3</sub>	0,44

### SECTION 3: HAZARDS IDENTIFICATION

It is possible for broken studio glass pieces to cause minor cuts or laceration.

### SECTION 4: FIRST AID

**General instructions:** follow First Aid Emergency Procedures



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**Eyes:** visit a medical doctor

### SECTION 5: FIRE & EXPLOSION

**Flash Point:** Noninflammable  
**Extinguishing Media:** Not applicable  
**Fire Fighting Procedures:** Not applicable  
**Fire & Explosion Hazards:** Not applicable

### SECTION 6: ACCIDENTAL RELEASE

**Spill & Leak Procedures:** Not applicable

### SECTION 7: HANDLING & STORAGE

**Handling:** - no instructions  
*(due to the strains in the glass broken pieces can appear during the re-melting process)*

**Storage:** - recommended storage in dry locations, as humidity does not affect product, but can influence cardboard packaging

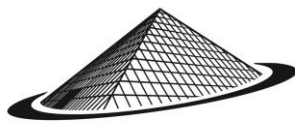
### SECTION 8: PERSONAL PROTECTION INFORMATION

- gloves recommended when handling the studio glass pieces  
- eye protection recommended when handling the studio glass pieces

### SECTION 9: PHYSICAL & CHEMICAL INFORMATION

#### Aesthetics

- form studio glass pieces in “noodle” form (approx. 20 mm \* 20 mm \* 8 mm)  
- colour colourless  
- odour odourless



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## Safety Data

- <b>change of state</b>	softening point at approx. 695°C/1283°F transformation point at approx. 553°C/1027,5°F
- <b>Flash Point</b>	noninflammable
- <b>Ignition point</b>	not applicable
- <b>Spontaneous ignition</b>	not applicable
- <b>Fire promoting features</b>	none
- <b>Explosion hazard</b>	not applicable
- <b>Steam pressure</b>	not applicable
- <b>Density (at 25° Celsius)</b>	2,52 g/cm <sup>3</sup>
- <b>Solubility</b>	not applicable
- <b>pH-value by (100g/l H<sub>2</sub>O)</b> according to DIN 54 275	not applicable
- <b>Distribution coefficient</b>	not applicable
- <b>Viscosity (25° Celsius)</b>	not applicable
- <b>Content of solvent</b>	not applicable

## SECTION 10: STABILITY & REACTIVITY

Conditions to Avoid:	moisture
Hazardous Decomposition Prod.:	none have been determined.
Hazardous Polymerization:	material does not polymerize.

## SECTION 11: TOXICOLOGICAL INFORMATION

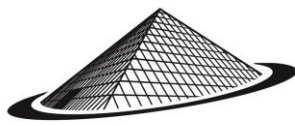
<b>Chronic Health Effects:</b>	none
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## SECTION 12: ECOLOGICAL INFORMATION

**Glass is an inert material without any hazardous effect on the residual water.**

## SECTION 13: DISPOSAL CONSIDERATION

<b>Waste Disposal method:</b>	Comply with local disposal regulations
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## SECTION 14: TRANSPORT INFORMATION

- according to transport regulations for roads (ADR), by rail (RID), by ship (IMDG) and air plane (ICAO / IATA).
- not hazardous
- no limitations
- to transport the products recommended protection against moisture

## SECTION 15: REGULATORY INFORMATION

None

## SECTION 16: OTHER INFORMATION

The user is responsible to follow / observe all necessary legal rules.

For additional information, please contact Cristalica GmbH.

### **Cristalica GmbH**

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Deutschland

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