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# EG-MATERIAL SAFETY DATA SHEET

according to 91/155 EEC

Date of issue: 22-Sep-08

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replaced copy from: 30-Jun-02

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## Glass Beads

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### 1. Identification of the Substance / Preparation and Company:

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Identification of the substance or preparation:

Commercial product name: Glass Beads  
Company / Manufacturer: SILADENT Dr. Böhme & Schöps GmbH  
Im Klei 26  
D - 38644 Goslar  
Tel.: +49 (0) 53 21 / 37 79 – 0  
Fax: +49 (0) 53 21 / 38 96 32  
info@sbs-dental.de  
www.sbs-dental.de

### 2. Composition / Information on Ingredients:

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2.1 Soda-lime silicate glass without free silica.

EINECS: 266-046-0

CAS Nr. 65997-17-3

Chemical composition: SiO<sub>2</sub> 70-75%, Na<sub>2</sub>O 12-15%, CaO 7-12%, MgO max. 5%,  
Al<sub>2</sub>O<sub>3</sub> max. 2,5 %, K<sub>2</sub>O max. 1,5%, Fe<sub>2</sub>O<sub>3</sub> max. 0,5 %,  
SO<sub>3</sub> max. 0,5%

### 3. Hazards Identification:

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The product do not present listed risks for hazardous substances.

By eyes contact, the product can cause a light mechanical irritation.

### 4. First aid measures:

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4.1 Skin contact : wash with water

4.2 Eyes contact : wash with copious amounts of clean water, take medical if problems.

4.3 Ingestion : drink water.

4.4 Inhalation : move the person involved into fresh air.

### 5. Fire Fighting measures:

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5.1 Non inflammable product.

### 6. Measures when the bag is damaged :

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Non corrosive product ; so, you only need to clean with traditional methods (brush...)

### 7. Handling and Storage:

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7.1 Handling: not any particular precaution is required.

7.2 Storage: storage should be under cover, in dry conditions.  
not other particular precaution is required

### 8. Measures in cas of long-term exposure-individual protection :

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A dust mask, eyes protection and gloves are recommended in case of long-term exposure in a local containing more than 10 milligrams per cubic meter total dust averaged.

### 9. Physical and chemical properites:

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Physical state and aspect (at 20°C): white powder.

Odour : without.

Softening point (log (eta) ~ 7,6) : 700 °C

Density : ~ 2.5 g/ml

Solubility : non soluble in most of chemical products,  
excepted in fluorhydric acid.

### 10. Stability and Reactivity:

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The product is stable and does not present dangerous reactions.

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### 11. Toxicological Information:

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Non toxic and completely inert product.

### 12. Ecological Information:

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Inert powder.

### 13. Measures in case of spillage :

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Elimination of dust in made with normal washing material.

### 14. Carriage information :

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The products is not bound by carriage rules.

### 15. Reglementation Information :

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Classification and stickers :                      nothing in particular.

### 16. Further Information:

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This safety data sheet completes the technical specification, but it does not take its place of.

All information and instructions provided in these safety data sheet are based on the current state of scientific technical knowledge at the date indicated on the present document.

The unser's attention must be attract by possible risks when the conditions of use the product are not the normal conditions of use ; in this respect, it is the user's obligation to determine the conditions of the safe use of the product.