

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 24.04.2023

Version number 2

Revision: 24.04.2023

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name **Glass beads 40-70**

Article number: 58820

CAS Number:

65997-17-3

Registration number

A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 UK REACH Regulation (1907/2006/EC), the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

Application of the substance / the mixture Auxiliary for dental technology

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

SRL Dental GmbH

Giulinistraße 2

D-67065 Ludwigshafen, Germany

Tel.: +49 (0) 621 49085 600

Fax.: +49 (0) 621 49085 659

Australian Supplier:

Ultimate Dental Supply

660A South Rd

MOORABBIN VIC 3189

03 9532 1799

info@ultimatedental.com.au

Information: product information: +49 621 49085 600

Australian Emergency Telephone Number

13 11 26 - Poisons Hotline - 24 hours / 7 Days

#### 1.4 Emergency telephone number:

Tel.: +49 621 49085 600, Monday to Friday 8.30 am to 3.15 pm MEZ in German and English language

Please also contact the national emergency numbers

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The substance is not to be classified according to the GB CLP regulation.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

### SECTION 3: Composition/information on ingredients

#### 3.1 Chemical characterisation: Substances

CAS No. Designation:

65997-17-3 Glass

Description: Glass beads

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General information No special measures required.

After inhalation : Supply fresh air; consult doctor in case of symptoms.

After skin contact :

Wash with water and soap.

The product is not skin irritating.

After eye contact : Rinse opened eye for 15 minutes under running water. If symptoms persist, consult doctor.

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**. After swallowing :**

Rinse out mouth and then drink plenty of water (approx. 500 ml).

In case of persistent symptoms consult doctor.

**. 4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.**. 4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### SECTION 5: Firefighting measures

**. 5.1 Extinguishing media****. Suitable extinguishing agents**

Use fire fighting measures that suit the environment.

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with foam.**. 5.2 Special hazards arising from the substance or mixture** none**. 5.3 Advice for firefighters****. Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

**. 6.1 Personal precautions, protective equipment and emergency procedures**

Avoid causing dust.

Wear protective clothing.

**. 6.2 Environmental precautions:** No special measures required.**. 6.3 Methods and material for containment and cleaning up:** Collect mechanically.**. 6.4 Reference to other sections** No dangerous materials are released.

### SECTION 7: Handling and storage

**. 7.1 Precautions for safe handling**

No special precautions necessary if used correctly.

Prevent formation of dust.

Provide suction extractors if dust is formed.

**. Information about protection against explosions and fires:**

The product is not flammable

No special measures required.

**. 7.2 Conditions for safe storage, including any incompatibilities****. Storage****. Requirements to be met by storerooms and containers:** No special requirements.**. Information about storage in one common storage facility:** Not required.**. Further information about storage conditions:**

Keep container tightly sealed.

Store under dry conditions.

**. 7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

**. 8.1 Control parameters****. Components with critical values that require monitoring at the workplace:** Not required.**. Ingredients with biological limit values:**

CAS No.	Designation of material	%	Type	Value	Unit
	General dust exposure limit,		German TRGS 900 (2015)	1,25	mg/m <sup>3</sup>
	measured as alveolic part				

**. Additional information:** The lists that were valid during compilation were used as a basis.

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### 8.2 Exposure controls

#### Personal protective equipment

#### General protective and hygienic measures

The usual precautionary measures should be adhered to in handling the chemicals.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes.

#### Breathing equipment:

Use breathing protection in case of insufficient ventilation.

Short term filter device: ABEK-filter

Filter P1.(For solid particles, DIN 3181)

#### Protection of hands:

Protective gloves:

In case of spray contact at least protection index 2 recommended, according to more than 30 min. penetration time (EN 374).

Layer thickness of gloves at least: 0.4 mm

In case of prolonged and intensive contact protection index 6 recommended, according to more than 480 min. penetration time (EN 374).

Layer thickness of gloves at least: 0.7 mm

#### Material of gloves

Butyl rubber, BR

Fluorocarbon rubber (Viton)

Nitrile rubber, NBR

Natural rubber, NR

Chloroprene rubber, CR

PVC or PE gloves

#### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### Eye protection: Safety glasses (DIN 58211, EN 166)

#### Body protection: Light weight protective clothing

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General Information

##### Appearance:

Form: Prills

Colour: Colourless

Smell: Odourless

Odour threshold: not applicable

pH-value: Not applicable.  
not applicable

##### Change in condition

Melting point/freezing point: Not determined

Initial boiling point and boiling range: Not determined

Flash point: Not applicable

Inflammability (solid, gaseous) not applicable

Auto-ignition temperature: not applicable

Decomposition temperature: not applicable

Explosive properties: Product is not explosive.

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- . **Critical values for explosion:**
  - Lower: not applicable
  - Upper: not applicable
- . **Dust explosion class:**
- . **Oxidising properties** none
- . **Steam pressure:** Not applicable.  
not applicable
- . **Density at 20 °C** 2.6 g/cm<sup>3</sup>
- . **Evaporation rate** not applicable
- . **Solubility in / Miscibility with Water:** Insoluble  
Not miscible or difficult to mix
- . **Partition coefficient: n-octanol/water:** Not determined.  
not applicable
- . **Viscosity:**
  - dynamic: not applicable
  - kinematic: not applicable
- . **Solids content:** 100.0 %
- . **9.2 Other information** No further relevant information available.

### SECTION 10: Stability and reactivity

- . **10.1 Reactivity** No hazardous reactions when stored and handled according to instructions.
- . **10.2 Chemical stability**
- . **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- . **10.3 Possibility of hazardous reactions** No dangerous reactions known
- . **10.4 Conditions to avoid** No further relevant information available.
- . **10.5 Incompatible materials:** void
- . **10.6 Hazardous decomposition products:** None

### SECTION 11: Toxicological information

- . **11.1 Information on toxicological effects**
- . **Acute toxicity** Based on available data, the classification criteria are not met.
- . **LD/LC50 values that are relevant for classification:**
  - 65997-17-3 Glass**
  - Oral LD50 >5,000 mg/kg (rat)
  - Dermal LD50 >5,000 mg/kg (rat)
- . **Primary irritant effect:**
- . **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- . **Serious eye damage/irritation** Moderate irritation
- . **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- . **Additional toxicological information:**
- . **Repeated dose toxicity** No further relevant information available.
- . **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
  - Due to the ingredients there is no suspicion of a mutagenic effect.
  - Due to the ingredients there is no suspicion of a carcinogenic effect.
  - Due to the ingredients there is no suspicion of a toxic effect on reproduction.

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- Due to the ingredients there is no suspicion of a teratogenic effect.
- . **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- . **Carcinogenicity** Based on available data, the classification criteria are not met.
- . **Reproductive toxicity** Based on available data, the classification criteria are not met.
- . **STOT-single exposure** Based on available data, the classification criteria are not met.
- . **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- . **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

- . **12.1 Toxicity**
- . **Aquatic toxicity:** No further relevant information available.
- . **12.2 Persistence and degradability** No further relevant information available.
- . **Other information:** Easy elimination possible by flocculation or adsorption by sludge.
- . **12.3 Bioaccumulative potential** Does not accumulate in organisms
- . **12.4 Mobility in soil** No further relevant information available.
- . **Other information** Separation from water by filtration or sedimentation processes.
- . **Ecotoxicological effects:**
- . **Other information:**  
No COD, no BOD, no AOX  
No VOC (0%) according to EC-directive 1999/13/EC
- . **Additional ecological information:**
- . **According to recipe contains the following heavy metals and compounds according to EC guideline NO. 76/464 EC:**  
None
- . **General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- . **12.5 Results of PBT and vPvB assessment**
- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.
- . **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- . **13.1 Waste treatment methods**
- . **Recommendation**  
Smaller quantities can be disposed with household garbage.  
Can be deposited with household garbage after consulting with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations.
- . **Uncleaned packaging:**
- . **Recommendation:**  
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.  
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.  
Dispose of packaging according to regulations on the disposal of packagings.
- . **Recommended cleaning agent:** Water, if necessary with cleaning agent.

### SECTION 14: Transport information

- . **14.1 UN-Number**
- . **ADR/RID/ADN, IMDG, IATA** Void
- . **14.2 UN proper shipping name**
- . **ADR/RID/ADN, IMDG, IATA** Void

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- . 14.3 Transport hazard class(es)
- . ADR/RID/ADN, IMDG, IATA
- . Class Void
- . 14.4 Packing group
- . ADR/RID/ADN, IMDG, IATA Void
- . 14.5 Environmental hazards: Not applicable.
- . 14.6 Special precautions for user Not applicable.
- . 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.
- . Transport/Additional information: Not dangerous according to the above regulations.
- . UN "Model Regulation": Void

### SECTION 15: Regulatory information

- . 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- . Directive 2012/18/EU
- . Named dangerous substances - ANNEX I Substance is not listed.
- . 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- . Department issuing data specification sheet: AWETA
- . Contact:  
sales manager, AWETA  
info@srl-dental.de
- . Abbreviations and acronyms:  
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative
- . Sources: source ECHA: European Chemicals Agency, <http://echa.europa.eu/>
- . \* Data compared to the previous version altered.