

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

### 1.1. Product identifier

Product form : Solid substance  
Trade name : Glass Beads  
Product group : Trade product

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

#### 1.2.1. Relevant identified uses

Main use category : The product is used as filler at manufacturing of materials (lacquers, paints, plastics etc.), shot blasting materials, fill materials for filters etc. No usage restrictions at intended application.  
Industrial/Professional use spec : Industrial  
For professional use only  
Function or use category : 55/999 Others

#### 1.2.2. Uses advised against

No additional information available

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

Stenungsunds Industrisand AB  
Stenunge väg 23  
444 31 Stenungsund, SWEDEN  
Tel. +46 (0)303 880 60 Mobil. +46 (0)702 11 02 09  
E-mail: ulf@industrisand.se

### 1.4. Emergency telephone number

Country	Organisation	Adress	Tele, e-mail, web
Sweden	Giftinformationscentralen	Solna Strandväg 21 171 54 Solna	CALL 112, Ask for Giftinformation. In less urgent cases call +46 (0) 10 456 6700

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

#### Adverse physicochemical, human health and environmental effects

Dust may cause mechanical irritation.

### 2.2. Label elements

#### Labeling according to Regulation (EC) No. 1272/2008 [CLP]

No labeling applicable

### 2.3. Other hazards

Other hazards not contributing to the classification: None under normal conditions. No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Trade name : Glass Beads

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Glass	(CAS No) 65997-17-3 (EC no) 266-046-0	100	Not classified	Not classified

Full text of R- and H-statements: see section 16

#### 3.2. Mixture

Not applicable

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : If you feel unwell, seek medical advice (show the label where possible). First-aid measures after inhalation : Assure fresh air breathing. If you feel unwell, seek medical advice.
- First-aid measures after skin contact : Wash with plenty of soap and water.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Obtain medical attention if pain, blinking or redness persist.
- First-aid measures after ingestion : Rinse mouth. No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of ingestion. Get medical advice/attention if you feel unwell.

#### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use. Dust may cause mechanical irritation.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
- Unsuitable extinguishing media : Do not use a heavy water stream.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Not determined. Not combustible. Explosion hazard : None under normal conditions. Reactivity in case of fire : fume. mist.
- Hazardous decomposition products in case of fire : On burning: release of harmful/irritant gases/vapours.

#### 5.3. Advice for firefighters

- Precautionary measures fire : Avoid static electricity discharges.
- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. Do not approach fire except upwind and only with proper skin and respiratory protection (supplied air only).
- Other information : Do not breathe fumes. Keep upwind.

### SECTION 6: Accidental release measures

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

- 6.1 General measures** : Dust formation: consult the information on the powder!. Wear suitable protective clothing. Concerning personal protective equipment to use, see section 8.

**6.1.1. For non-emergency personnel**

- Protective equipment : Dust cloud production: dust-tight suit. Respiratory  
 protection. Emergency procedures : Evacuate unnecessary personnel.  
 Measures in case of dust release : Knock down/dilute dust cloud with water spray.

**6.1.2. For emergency responders**

- Protective equipment : Equip cleanup crew with proper  
 protection. Emergency procedures : Ventilate area.

**6.2. Environmental precautions**

Prevent entry to sewers and public waters.

**6.3. Methods and material for containment and cleaning up**

- For containment : Dust binding agents. Collect all waste in suitable and labeled containers and dispose according to local legislation. Do not use compressed air for pumping over spills.  
 Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.  
 Other information : Avoid dust formation.

**6.4. Reference to other sections**

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

- Additional hazards when processed : None under normal use.  
 Precautions for safe handling : Avoid raising dust. Use only in well ventilated areas. Take precautionary measures against static discharge. Both local exhaust and good general room ventilation must be provided not only to control exposure but also to prevent formation of flammable mixtures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Handle in accordance with good industrial hygiene and safety procedures.  
 Handling temperature : > 10 °C  
 Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse

**7.2. Conditions for safe storage, including any incompatibilities**

- Technical measures : Use explosion-proof electrical, Ventilation, lighting, Use explosion-proof equipment.  
 Storage conditions : Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.  
 use. Incompatible products : Protect from moisture. Keep container closed when not in  
 : Strong bases. Strong acids. Oxidizing substances.  
 Oxidizing agent. Maximum storage period : 12 months Maximum  
 Storage temperature : 25 (10 - 50) °C  
 Heat and ignition sources : No flames, no sparks. Eliminate all sources of ignition. Protect from heat and direct sunlight. Prohibitions on mixed storage : Food.  
 Storage area : Store away from heat. Store in a well-ventilated place.  
 Special rules on packaging : Keep only in original container

**7.3. Specific end use(s)**

(Read the technical data sheet).

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Glass Beads**

EU	IOELV STEL (mg/m <sup>3</sup> )	10 mg/m <sup>3</sup> dust
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- Additional information : In the event that dust and/or fine particles are generated with this product, it is

prudent to minimize prolonged inhalation exposure to these forms not to exceed the occupational exposure limit

## 8.2. Exposure controls

Appropriate engineering controls	: Dust and/or fine particles, minimize inhalation exposure. Provide appropriate exhaust ventilation at places of dust forming.
Personal protective equipment production:	: Dust production: dust mask with filter type P2. Dustproof clothing. In case of dust protective goggles. Insulated gloves.
Materials for protective clothing	: Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Chemical resistant PVC gloves (to European standard EN 374 or equivalent). Penetration time of glove material: The average penetration time of the various materials when used with this product is unknown
Hand protection	: In case of repeated or prolonged contact wear gloves
Eye protection	: In case of dust production: protective goggles
Skin and body protection	: Complete protective clothing. Integral helmet (face, head, neck)
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment



Thermal hazard protection	: On heating : Self contained breathing apparatus.
Environmental exposure controls	: Prevent spreading in sewers. Assure that emissions are compliant with all applicable air pollution control regulations. Refer to all applicable national, international and local regulations or provisions.
Other information	: Handle in accordance with good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical

Physical state	: Solid
Appearance	: Powder.
Colour	: White.
Odour	: Odourless.
Odour threshold	: Not applicable
pH	: Not applicable
pH solution	: Not applicable
Relative evaporation rate (butylacetate=1)	: Not applicable
Melting point	: >1350 °C
Freezing point	: Not applicable
Boiling point	: Not applicable
Flash point	: Not determined
Critical temperature	: 550 °C
Auto-ignition temperature	: Not determined
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not determined
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: No data available
Relative density	: 1.4 (1 - 1.8) Density 2.46 g/cm <sup>3</sup>
Solubility	: Not determined.
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: Product is not explosive.
Oxidising properties	: No data available.
Explosive limits	: No data available

### 9.2. Other information

Sublimation point	: Not applicable
Other properties	: No additional information
available. Additional information	: No additional information
available.	

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Stable under normal conditions.

**10.2. Chemical stability**

Stable at room temperature and without humidity.

**10.3. Possibility of hazardous reactions**

None under normal conditions.

**10.4. Conditions to avoid**

Direct sunlight. Extremely high or low temperatures.

**10.5. Incompatible materials**

Strong acids. Strong bases.

**10.6. Hazardous decomposition products**

Fume. Carbon monoxide. Carbon dioxide.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity	: Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: Not applicable
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: Not applicable
Additional information	: Dust may cause mechanical irritation
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (single exposure)	: Not classified (Based on available data, the classification criteria are not met)
Specific target organ toxicity (repeated exposure)	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Potential adverse human health effects and symptoms	: Dust may cause mechanical irritation.

Other information	: No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation.
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**SECTION 12: Environmental information****12.1. Toxicity**

Environment - general	: No experimental study on the product is available. The information given is based on our knowledge of the components and the classification of the product is determined by calculation.
Environment - air	: Not expected to present a significant hazard under anticipated conditions of normal use.
Environment - water	: Not expected to present a significant hazard under anticipated conditions of normal use.

**12.2. Persistence and degradability****Glass Beads**

Persistence and degradability	Not established.
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**12.3. Bioaccumulative potential****Solid Glass Beads**

Bioaccumulative potential	Not established.
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**12.4. Mobility in soil****Solid Glass Beads**

Ecology - soil	Not determined.
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**12.5. Results of PBT and vPvB assessment**

No additional information available

**12.6. Other adverse effects**

Other adverse effects	: This material has not been tested for
environmental effects. Additional information	: Avoid release to the environment

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Collect all waste in suitable and labelled containers and dispose according to local
legislation. Sewage disposal recommendations	: Do not discharge into drains or the environment.
Waste disposal recommendations	: Dispose of contents/container to Dispose in a safe manner in accordance with local/national regulations.
Additional information	: Handle uncleaned empty containers as full ones. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation.
Environment- waste materials	: Avoid release to the environment.

**SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.2. UN proper shipping name</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.3. Transport hazard class(es)</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.4. Packing group</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
<b>14.5. Environmental hazards</b>				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

#### 14.6. Special precautions for user

**- Overland transport**

Not applicable

**- Transport by sea**

Not applicable

**- Air transport**

Not applicable

**- Inland waterway transport**

Not applicable

**- Rail transport**

Not applicable

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

##### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Solid Glass Beads is not on the REACH Candidate List

Solid Glass Beads is not on the REACH Annex XIV List

Other information, restriction and prohibition regulations

: This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The product is intended for professional use.

##### 15.1.2. National regulations

###### Germany

12th Ordinance Implementing the Federal  
 Immission Control Act - 12.BImSchV

: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

###### Netherlands

SZW-lijst van kankerverwekkende stoffen

: The substance is not listed

SZW-lijst van mutagene stoffen

: The substance is not listed

NIET-limitatieve lijst van voor de voortplanting

: The substance is not listed

giftige stoffen – Borstvoeding

NIET-limitatieve lijst van voor de voortplanting

: The substance is not listed

giftige stoffen – Vruchtbaarheid

NIET-limitatieve lijst van voor de voortplanting

: The substance is not listed

giftige stoffen – Ontwikkeling

###### Denmark

Classification remarks  
 followed

: Emergency management guidelines for the storage of flammable liquids must be followed

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

## SECTION 16: Other information

Indication of changes:

According to Regulation (EU) 2015/830 (REACH Annex II).

			According to Regulation (EU) 2015/830 (REACH Annex II)
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Data sources

: Manufacturer/Supplier.

Other information

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SDS EU (REACH Annex II)

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