



Henan Sicheng Abrasives Tech Co., Ltd.

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MATERIAL SAFETY DATA SHEET

CAS NO: 7631-86-9

Print name: Friday, May 07 th , 2021

Product name

Glass beads

Manufacturer

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2. Composition/Information on Ingredients

COMPONENT: SiO₂

CAS NO: 7631-86-9

EINECS NO: 206-991-9

3. Hazards Identification

Critical hazards to man and environment

EC/R: Not applicable

4. First aid Measures

4.1 Inhalation: No special action required

4.2 Skin contact: No special action required

4.3 Eye contact: Flush with plenty of water. Seek medical advice if irritation persists

4.4 Ingestion: No special action required

5. Fire Fighting Measures

- 5.1 General information: Not inflammable
- 5.2 Suitable extinguishing media: Use extinguishing measures appropriate to the source of the fire
- 5.3 Extinguishing media which must not be used for safety reasons: None know
- 5.4 Special exposure hazards arising from the substance itself, combustion products, resulting gases: None know
- 5.5 Special protective equipment: Not applicable
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6, Accidental Release Measures

- 6.1 Personal precautions: Avoid dust formation. Wear personal protective equipment (see also item 8.3)
- 6.2 Environmental precautions: No special measures required
- 6.3 Methods for cleaning up: Pick up mechanically and dispose of in accordance to Regulations
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7, Handling and Storage

- 7.1 Handling:
Precautions for safe handling: Avoid dust formation
Precautions against fire and explosion: No danger of fire and dust explosion
- 7.2 Storage:
Conditions of storage rooms and vessels: No special precautionary measures
Advice of storage of incompatible materials: None
Further information for storage: None
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8, Exposure controls/personal protection

- 8.1 Further information for system design and engineering measures: Not applicable
- 8.2 Components with specific control parameters as limit values: Observe the local bylaws in terms of fine dust (e.g.: TWA value 5 mg/m³, MAK value 4 mg/m³ (free of fibres), see also item 16)
- 8.3 Personal protection equipment:
General protection and hygiene measures: Observe standard industrial hygiene practice
Respiratory protection: Avoid inhaling the dust
Fine-dust mask with category P1 filter must be used if fine dust Limits are exceeded.
Hand protection: Protective gloves are recommended
Eye protection: Safety glasses are recommended
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9, Physical and Chemical Properties

- 9.1 Appearance: odorless white powder
Form: Grains, powder
Colour: White

Odour: Odourless

9.2 Safety parameters:

Change in physical state: Does not melt

Flash point: Not applicable

Flammability: Not applicable

Ignition temperature: Not applicable

Autoflammability: Not applicable

Oxidizing properties: Not applicable

Explosive properties: Not applicable

Vapour pressure: Not applicable

Specific gravity: Approx. 2.5 g/cm³

Solubility in water: Practically insoluble

PH value: Not applicable

Partition coefficient n-octanol/water: Not applicable

10, Stability and Reactivity

10.1 General information: The material is stable, no hazardous reactions known

10.2 Conditions to avoid: Not applicable

10.3 Materials to avoid: Not applicable

10.4 Hazardous decomposition products: Non known

11, Toxicological Information

11.1 General information: No hazardous effects known, if used properly (see also item 16)

11.2 Acute toxicity: Not known

12, Ecological information

12.1 Information on elimination

(persistence and degradability): Chemically inert and insoluble in water.

Separation by mechanical processes

(sedimentation, filtration etc.)

12.2 Behaviour in environmental compartments: No environmental problems known

12.3 Ecotoxicity: No harmful effects on water organisms anticipated

12.4 Further ecological information: No environmental problems expected, if handled and treated in accordance with standard industrial practice

13, Disposal Considerations

13.1 Material: Can be stored with domestic waste.

Observe local byelaws

13.2 Contaminated packaging: Packaging has to be emptied entirely.

Recycling of used packaging is recommended.

Local byelaws must be observed

14, Transport Information

14.1 Land transport:

GGVS / ADR – classification: Non hazardous material

GGVE / RID: Non hazardous material

14.2 Inland waterways:

GGVBisch / ADNR – classification: Non hazardous material

14.3 Maritime transport:

GGVSee / IMDG – classification: Non hazardous material

14.4 Air transport:

ICAO-TI / IATA – classification: Non hazardous material

15, Regulatory Information

15.1 Classification according to EC guidelines:

Danger symbol and danger-text of the

Product: None

EC / R: None

EC / S: None

15.2 National regulations:

e.g.: (Germany) Classification according vbF: Not subjected to VbF

Water pollution category: Not water pollution (VwVwS (Germany) dated 17.05.1999,

Enclosure 3)

Other information

The information provided in this safety data sheet is correct to the best of our knowledge information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processionk, storage, transporation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for sun material used in combination with any other materials or in any process.