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Material Safety Data Sheet

Impact Test Equipment Ltd
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Test Equipment Web Site

www.impact-test.co.uk

Test Sieves & Accessories Web Site

www.impact-test.com

1 Identification of the substance / preparation and company

Product details:

Tradename: SiLibeads - Glass beads type S, type SL, type M, type P, Dragonit 25;

Supplier: Micro-glass-beads
Sigmund Lindner GmbH
Oberwarmensteinacher Straße 38
D-95485 Warmensteinach
Tel. +49 (9277) 99410
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Information provided by: Mr. Dr. Hitzschke (Technical director), Mr. Schneider (Quality control)

Emergency telephone number: Tel. + 49 (9277) 99410

2 Composition / information on ingredients

Chemical characterisation

Description: beads made of soda-lime-glass (lead content as PbO: < 0,01 %)

Hazardous ingredients: none

3 Hazards identification

No particular hazards known.

4 First aid measures

General information: none

after contact with eyes: Remove particles from the affected eye. Remove contact-lenses if necessary. Rinse eyes thoroughly with plenty of water and seek medical advice.

after ingestion: If a large amount is swallowed, seek medical attention.

Hints for the physician: Treat symptomatically.

5 Fire-fighting measures

Suitable extinguishing media: Fire extinguishing method of surrounding areas must be discussed.

Special protective equipment: none

6 Accidental release measures

Personal precautions: Avoid dust formation. Do not breathe dust.

Environmental precautions: No special measures necessary.

Methods for cleaning up / taking up: Pick up mechanically and reuse if possible.

7 Handling and storage

7.1 Handling

Advice on safe handling: Avoid dust formation. Risk of slipping due to spillage of product.

7.2 Storage

Requirements for storage rooms and vessels: none

Advice on storage compatibility: May not be stored together with explosives, oxidizing agents and infectious materials.

Storage class: 13 (non combustible solid)

8 Exposure controls / personal protection

8.1 Additional advice on system design: none

8.2 Ingredients with occupational exposure limits to be monitored: none

8.3 Personal protective equipment:

Respiratory protection: dust mask

Hand protection: protective gloves

Eye protection: tightly fitting safety glasses

Body protection: working clothes

General protective and hygiene measures: Avoid dust formation. Do not inhale dust. Avoid contact with eyes and skin. Do not eat, drink or smoke during work time. Wash hands before breaks and after work.

9 Physical and chemical properties

9.1 Appearance:

Form: beads

Colour: transparent

Odour: odourless

9.2 Data relevant to safety:

Changes in physical state:

Melting point / melting area: 630 °C

Self ignition: not self ignitable

Danger of explosion: none

Vapour pressure: negligible

Density: ca. 2,50 g/ml (Borosilicate 2,23 g/ml)

Solubility: insoluble in all common solvents

Hydrolytklasse 3 (DIN ISO 719)

Säureklasse 3 (DIN 12116)

Laugenbeständigkeit 3 (DIN ISO 695)

Particle size: 0 - 25 mm

10 Stability and reactivity

Hazardous conditions: The product is stable.

Hazardous reactions: none

Hazardous decomposition products: none

11 Toxicological information

11.1 Toxicological tests:

not toxic

12 Ecological information

General information: Ecological data are not available. No ecological hazards are known to be associated with this product.

13 Disposal considerations

13.1 Product:

Advice: Material should be reused or recycled if possible.

13.2 Uncleaned Packaging:

Advice: Uncontaminated packaging may be reused.

Cleaning agent: Water

14 Transport information

No dangerous good according to ADR/GGVS, RID/GGVE, ICAO/IATA, IMDG.

15 Regulatory information

15.1 Labelling in accordance with EC:

The product does not require a hazard warning label in accordance with EC Directives.

15.2 National regulations:

Water hazard class: not hazardous

16 Other information

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.

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