

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

SUBSTANCE NAME: Glass Bead Abrasive
MODEL NO. -
PART NO: 3052095
COMPANY IDENTIFICATION: CLARKE INTERNATIONAL,
HEMNALL STREET, EPPING, ESSEX. CM16 4LG
BUSINESS TELEPHONE: 01992 565300
BUSINESS FAX: 01992 561562
EMERGENCY TELEPHONE: 020 89887400

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Description: Glass Beads
EINECS 266-046-0
CAS NR. 65997-17-3
Contents (average values): SiO₂ 70-75%, Na₂O 12-15%, CaO 7-12%, MgO max. 5%, Al₂O₃ max. 2.5%, K₂O max. 1.5%, Fe₂O₃ max. 0.5%, SO₃ max. 0.5%

3. HAZARDS IDENTIFICATION:

Classification Not subject to labelling requirements under the Dangerous Preparations Directive 1999/45/EC. However, please note the information contained in this safety data sheet. There is no danger of silicosis when using this product.

4. FIRST AID MEASURES:

FIRST AID:

In the event of:

Eye Contact: Wash thoroughly with clean water for 15 minutes and seek immediate medical attention.
Skin Contact: Wash thoroughly with clean water. Seek medical attention for persistent irritation. Wash contaminated clothing before reuse.
Ingestion: Rinse out mouth and drink lots of water. Do not induce vomiting. If person feels unwell consult doctor.
Inhalation: Find area of fresh air. If breathing becomes difficult, seek medical attention.
Protection of person providing First Aid: Ensure that person providing First Aid is protected.

5. FIRE FIGHTING MEASURES:

NON FLAMMABLE.

Adapt extinguishing measures to environment.

Extinguishing substances which are not suitable due to safety reasons: None known.

Special dangers from the substance or the preparation itself, its combustion products or gases which arise: None known.

6. ACCIDENTAL RELEASE MEASURES:

Person-related precautionary measures: Avoid dust formation.
Granules on the floor lead to increased danger of slipping.
See protective measures under points 7 and 8.
Environmental protection measures: -
Procedures to clean up / take up product: Take up mechanically and dispose of properly.
Additional information: -

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7. HANDLING & STORAGE:

7.1 Handling

Information on dealing with product safely: Avoid dust formation.

Information on fire and explosion protection: No special fire protection measures necessary.

7.2 Storage

Store in the dry. Material tends to agglomerate in damp conditions.

Requirements of containers: -

Unsuitable material for containers/equipment -

Information on mixed storage: LGK 13 (non-flammable solid materials)

8. EXPOSURE LIMITS & EQUIPMENT FOR PERSONAL PROTECTION:

8.1 Exposure limit values / Occupational limit values

General dust limit value

Inhalable amount (E): 10 mg/m³

Alveolar amount (A): 3 mg/m³

8.2 Equipment for Personal Protection

Respiratory Protection:

Normally, no personal respiratory protection is necessary; in the case of insufficient ventilation or exceeding occupational limit values, a breathing mask is to be worn (FFP filtering half-mask facepiece, depending on the given concentration).

Hand Protection:

Glove material: leather

Eye Protection:

Tight-fitting protective goggles (closed safety goggles).

Body Protection:

-

Protective and Hygiene Measures:

Minimum standards regarding protective measures for dealing with working substances are listed in TRGS 500.

Do not eat, drink, smoke or take snuff during work.

Avoid contact with skin, eyes and clothes.

Remove soiled or soaked clothes immediately.

Wash hands before breaks and at the end of work.

Precautionary protection of skin through skin ointments.

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1 Appearance

State of aggregation

Solid

Shape

Round

Colour

White

Smell

Odourless

9.2 Safety-relevant data

pH value

n.m.a. (not meaningfully applicable)

Melting point

Approx. 730°C

Solidification point

n.m.a. (not meaningfully applicable)

Boiling point

n.m.a. (not meaningfully applicable)

Flash point

Substance is inorganic

Autoignition

The product is not self-igniting.

Danger of explosion

The product is not explosive.

Relative density

Approx. 2.46g/cm³

Water solubility

Insoluble

10. STABILITY AND REACTIVITY:

Conditions to be avoided:

-

Substances to be avoided:

-

Dangerous decomposition points:

No dangerous decomposition products known.

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Other details: -

11. TOXICOLOGICAL INFORMATION:

Acute toxicity	-
Irritation of and caustic effect on the skin	Not irritating
Irritation of and caustic effect on eyes	Not irritating
Sensitisation	No sensitisation known
General comments	-

12. ECOLOGICAL INFORMATION:

Ecotoxic effects:	No damaging effect on water organisms is to be expected
Information on elimination	This product is according to experience so far, inert and not degradable
Further information on ecology	With proper handling and use, no environmental problems are to be expected

13. DISPOSAL CONSIDERATIONS:

Unused abrasive:
The allocation of the EWC codes / waste descriptions is to be carried out specific to branch and process in accordance with AAV.
List of proposals for EWC codes / waste description pursuant to AAV: 120117 abrasive waste with the exception of waste which comes under 120116.
Uncleaned packaging:
The packaging can be reused after cleaning or recycled.

14. TRANSPORT INFORMATION:

Not dangerous goods according to transport regulations.

15. REGULATORY INFORMATION:

15.1 Labelling

Labelling in accordance with EC Directive:	The preparations are not subject to labelling requirements under EC Directives.
Code letter(s) and description(s) of danger:	-
Danger determining component(s) for labelling:	-
Danger symbol(s) and description(s) of danger:	-
R-sentences:	-
S-sentences:	26 In case of contact with eyes, immediately rinse thoroughly with water and consult doctor. 37/39 Wear suitable protective gloves and protective goggles when working.

15.2 National regulations

Major accidents ordinance	-
Technical guidelines regarding air	-
Water endangerment category	Does not endanger water; Classification pursuant to the Administrative Guideline on Water-Endangering Substances (VwVwS), appendix 4
Other regulations, restrictions and banning Ordinances	-
International regulations	All contents of this material are listed on the TSCA inventory.

16. OTHER INFORMATION:

The details in this safety data sheet correspond to the best of our knowledge to our findings at the time of printing. The information is intended to provide indications on how to use the product named in this safety data sheet safely in respect of storage, processing, transport and disposal. The information is not transferable to other products.

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