

MATERIAL SAFETY DATA SHEET

Product and Company Identification

Product Name: Glass Abrasive
Grades: Coarse, Medium and Fine

Supplier: Centurywise Ltd
Unit 2, HNG House
Stuart Road
Bredbury
Stockport
SK6 2SR
Tel: 0161 494 6801

Composition / Information on Ingredients

Chemical Composition: Silica Oxide (SiO_2) 72.20%, Sodium Oxide (Na_2O) 13.30%, Calcium Oxide (CaO) 10.90%, Aluminium Oxide (Al_2O_3) 1.50%, Magnesium Oxide (MgO) 1.30%, Potassium Oxide (K_2O) 0.45%, Sulphur Trioxide (SO_3) 0.16%, Iron Oxide (Fe_2O_3) 0.07%, Titanium Dioxide (TiO_2) 0.06%, Barium Oxide (BaO) 0.04%, Chromium Oxide (Cr_2O_3) 0.02%.

Hazards

There is no significant immediate health, physical or environmental hazards.

First Aid Measures

Skin Contact – Wash with soap and water.

Inhalation – If inhaled, immediately remove to fresh air and consult a physician. Large quantities can block the airways and stop breathing.

Eye – Wash immediately with plenty of water for at least 15 minutes. If the irritation persists consult a physician.

Ingestion – Wash mouth out and drink water.

Fire Fighting Measures – Not applicable

Accidental Release Measures – Not applicable

Personal Protection – Wear recommended personal protection equipment

Cleaning Procedure – Sweep up creating a minimal amount of dust and place in a labelled container.

Handling and Storage

Handling Requirements – Avoid airborne dust. Avoid spillage on floors. Use professional cleanliness and housekeeping.

Storage Requirements

Store in dry conditions and prevent spillage by storing in silos and closed bags. Remove empty packaging from storage and work areas.

Exposure Controls / Personal Protection

Engineering Controls – Use ventilation equipment if dusty conditions prevail when handling.

Exposure Guidelines – Exposure must be kept below 10mg/m³/8hour TWA (Times Weighted Average). Repairable dust below 4mg/m³/8hour TWA.

Respiratory Protection – CE marked or HSE approved shotblasting helmet.

Ancillary workers should use a P2 dust respirator.

Skin Protection – Personal Protective Clothing should be worn at all times.

Eye Protection – Safety glasses with side shields/suitably approved impact resistant eye protectors.

Physical and Chemical Properties

Appearance – Solid, multicoloured, powder or grit with no odour.

Safety Relevant Data – Melting point 1300 C, Density 2.53, Hardness 6-7

Moh's, Solubility in water – None.

Stability and Reactivity – Stable under normal conditions.

Toxicological Information

Toxicity Values – Information available indicates the material is non-toxic. No known effects experienced in long term.

Exposure – See First Aid Measures.

Ecological Information – Non Hazardous.

Disposal Considerations

Material Disposal – Nonhazardous inert solid material can be landfilled according to local regulations.

Packaging Disposal – Industrial waste can be disposed of according to local regulations.

[Transport Information](#) - Not applicable as material is classified as non-hazardous.

[Regulatory Information](#) - No hazard symbols as classified as non-hazardous. Not hazardous in water.

[Other information](#)

Data source..... Centurywise Ltd

Use product only as directed.

Information compiled in accordance with Chemicals (Hazard Information and Packaging for Supply)

Regulations (Chip 3) 2002 as amended , the Control of Substances

Hazardous to Health Regulations

(COSHH) 2002 (SI 1999/437) as amended, and the Management of Health & Safety at Work Regulations 1999, as amended.

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