

**ESDA<sup>®</sup>: CASCADE BEADS****Safety data****1. Identification of the Substance and the Company****Substance name**

Cascade beads

**Intended Use**

Inert carrier for toner powder

**Company name**

Foster + Freeman Ltd, Vale Park, Evesham, Worcestershire, WR11 1TD, UK

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**Emergency telephone number**

Customer Support Department: ☎ + 44 (0) 1386 768050

**2. Composition/Information on Ingredients**

Contains no materials classified as hazardous under EC criteria.

Constituent	Chemical formula	CAS No	% (Weight)	Risk phrases
Soda-lime glass			100	
Lead oxide	PbO	1317-36-8	< 0.01	

**3. Hazards identification**

No particular hazards known.

**4. First aid measures****General**

Obtain medical attention if any discomfort occurs following exposure.

**Ingestion**

Immediately rinse mouth with water and provide fresh air. If discomfort or gastro-intestinal symptoms develop, obtain medical attention.

**Skin contact**

Remove person from source of contamination and wash the affected area with soap and water. If irritation develops, obtain medical attention.

**Eye contact**

Immediately remove contact lenses (If any). Lift eyelids and flush eyes with water or proprietary eye bath solution. Obtain medical attention.

**5. Fire Fighting Measures****Extinguishing media**Use extinguishing media appropriate for surrounding fire: Water; Powder; Foam; CO<sub>2</sub>.**Special fire fighting procedures**

None.

**Special hazards in fire**

None.

**Special protective equipment**

None.

**6. Accidental Release Measures****Personal precautions during spill**

Risk of slipping if spillage is underfoot. Avoid breathing dust or wear an approved dust respirator.

**Spill cleanup procedure**

Avoid work practices that generate and disperse airborne dust. Carefully scoop or sweep up spillage and place in dry containers. Cover and label the containers. Do not reuse. Dispose of in accordance with Local Authority requirements. Collect residue using a vacuum cleaner with a particle filter. Wash down spill area with water containing detergent and flush away with plenty of water. Do not re-use empty packaging containers.

**7. Handling and Storage****Handling precautions**

Risk of slipping if spillage is underfoot. Use mechanical ventilation in the case of handling that causes formation of dust. Wear adequate clean workwear and gloves.

**Storage precautions**

Store indoors, in cool, dry, ventilated storage and closed containers. Store in original container. Do not store with explosives, oxidising agents and infectious materials.

**Storage criteria**

Unspecified storage.

**8. Exposure Controls and Personal Protection****Protective equipment****Process control measures**

Avoid work practices that generate and disperse airborne dust. Use engineering controls to reduce air contamination to permissible exposure level.

**Ventilation**

No specific recommendation. Forced ventilation may be required if air contamination exceeds acceptable level.

**Respiratory protection**

No specific recommendation. Wear protection against nuisance dust when the general level exceeds 10 mg/m<sup>3</sup> (Filtering Face Piece Class FFP1 dust mask).

**Hand protection**

Wear protective gloves.

**Skin protection**

Wear appropriate clothing to prevent skin contact.

**Eye protection**

Wear dust resistant safety goggles when there is danger of eye contact.

**Hygienic work routines**

Observe hygienic work practices. Wash at the end of each work period and before eating, smoking or using the toilet.

**9. Physical and Chemical Properties**

Properties	Comments
Appearance	Beads
Colour	Colourless/Transparent
Odour/Taste	Odourless/Tasteless
pH value	Not applicable. (Does not dissociate in water)
Solubility	Insoluble in water and all common solvents

**10. Stability and Reactivity****Stability**

Stable.

**Conditions to avoid**

None.

**Hazardous decomposition products**

None.

**Hazardous polymerisation**

Will not polymerise.

**11. Toxicological information****Health warnings**

Not toxic.

**12. Ecological Information****Environmental hazards**

No data available. Not regarded as dangerous to the environment.

**Water hazard classification**

0

**13. Disposal Information****Disposal methods**

Waste to be collected, sealed tightly in bags and disposed of on approved landfills. Dispose of in accordance with Local Authority requirements.

**14. Transport Information****General**

Not regulated.

**15. Regulatory Information****Labelling**

Does not require a hazard warning label in accordance with EC directives.

**Other Regulations**

Health & Safety at Work Act 1974.

Control of Substances Hazardous to Health (COSHH) Regulations 1995.

**16. Other Information****General**

This information is based on our present knowledge and should therefore not be construed as a guarantee of specific properties for the product or its suitability for a particular application.

**Note**

The data contained in this Safety Data Sheet does not constitute a User's assessment of workplace risk as required by the Health & Safety at Work Act, Control of Substances Hazardous to Health (COSHH), Management of Health & Safety at Work Regulations or other Health & Safety legislation.

This Data Sheet has been supplied for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your organisation capable of acting on the information.

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