



SAFETY DATA SHEET

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: **Eco Glass Filter Media**
Datasheet Number: SP499 1. 3. 0
Product Part Number: SP499
Chemical Name: Amorphous Sodium Silicate Glass
CAS No.: 65997-17-3

1.2 Relevant identified uses of the substance or mixture and uses advised against

Swimming pool filter media

1.3 Details of the supplier of the safety data sheet

Name of Supplier: Total Pool Chemicals Ltd
Address of Supplier: Unit 1, Pool Bank Business Park
High Street, Tarvin
Chester CH3 8JH
UK
Telephone: +44 (0)1829 740290
Fax: +44 (0)1829 741855
Responsible Person: Steve Carder
Email: sales@totalpool.co.uk

1.4 Emergency telephone number

+44 (0)1829 740290 (Office Hours)

2 Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Classification (67/548/EEC, 1999/45/EC)
- Not classified as hazardous for supply

2.2 Label elements

- Not Classified

2.3 Other hazards

- Mildly irritating to respiratory system
-

3 Composition/information on ingredients

3.1 Substances

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases	Symbols	Index No.
Amorphous Sodium Silicate Glass		65997-17-3				



4 First aid measures

4.1 Description of first aid measures

- IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- IF ON SKIN: Gently wash with plenty of soap and water.
- If skin irritation occurs: Get medical advice/attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- Get medical advice/attention if you feel unwell.

4.2 Most important symptoms and effects, both acute and delayed

- May cause irritation
- The ingestion of significant quantities may cause gastro-intestinal disturbances

4.3 Indication of immediate medical attention and special treatment needed

5 Fire-fighting measures

5.1 Extinguishing media

- Powdered glass is non-combustible and does not present an explosion hazard. Extinguish surrounding fire with appropriate extinguishing media.

5.2 Special hazards arising from the substance or mixture

- Damp down to avoid dust generation

5.3 Advice for firefighters

- Wear full protective clothing including chemical protection suit

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid raising dust
- Wear protective clothing as per section 8

6.2 Environmental Precautions

- Damp down to avoid dust generation

6.3 Methods and material for containment and cleaning up

- Remove by mechanical means
- Place in appropriate container
- Seal containers and label them
- Remove contaminated material to safe location for subsequent disposal

6.4 Reference to other sections

- See Section 7 & 8

7 Handling and storage

7.1 Precautions for safe handling

- Avoid raising dust
- Ensure adequate ventilation



7 Handling and storage (....)

- Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a dry place.
- Opened containers should be carefully resealed and stored in an upright position

7.3 Specific end use(s)

- No information available

8 Exposure controls/personal protection

8.1 Control parameters

Amorphous Sodium Silicate Glass

- The UK HSE (EH40) recommends the following limits for dusts: 10 mg/m³ (8hr TWA) total inhalable dust; 5 mg/m³ (8hr TWA) total respirable dust

8.2 Exposure controls

- Engineering controls should be provided which maintain airborne concentrations below the relevant guidelines

Occupational exposure controls

- In case of inadequate ventilation wear respiratory protection.
- Wear suitable protective clothing, including eye/face protection and gloves (rubber are recommended)
- Uncontaminated material may be returnable. Contact supplier



Respirator



Gloves



Goggles



Suit

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: None
- Appearance: coloured, powder
- pH - not applicable
- Boiling point - not applicable
- Vapour pressure - not applicable
- Vapour density - not applicable
- Melting point - not known
- Water solubility - not known
- Fat solubility - not applicable
- Specific gravity 2.53 g/cm³
- Non-combustible solid
- Auto-ignition point - not applicable
- Non-explosive
- Log Pow - not known
- Evaporation rate - not applicable
- Viscosity - not known



9 Physical and chemical properties (....)

9 .2 Other information

- No information available

10 Stability and reactivity

10 .1 Reactivity

- No information available

10 .2 Chemical stability

- No information available

10 .3 Possibility of hazardous reactions

- This article is not hazardous

10 .4 Conditions to avoid

- No special precautions are required for this product

10 .5 Incompatible materials

- No information available

10 .6 Hazardous Decomposition Products

- None

11 Toxicological information

11 .1 Information on toxicological effects

- Not hazardous

Inhalation

- May cause irritation

Contact with skin

- May cause irritation

Contact with eyes

- May cause redness and irritation

Ingestion

- May cause gastro-intestinal disturbances

Carcinogenicity

- No evidence of carcinogenic effects

Teratogenicity

- No evidence of reproductive effects

Mutagenicity

- No evidence of mutagenic effects
-



12 Ecological information

12.1 Toxicity

- On available data, substance is not harmful to aquatic life

12.2 Persistence and degradability

- This substance is not readily biodegradable

12.3 Bioaccumulation Potential

- No information available

12.4 Mobility in soil

- Insoluble in water
- This substance is involatile

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- Presents little or no hazard to the aquatic environment

13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Uncontaminated material may be returnable. Contact supplier

Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)

14 Transport information

14.1 UN Number

N/A

14.2 UN Proper Shipping Name

N/A

14.3 Transport hazard class(es)

N/A

14.4 Packing group

N/A

14.5 Environmental hazards

- Presents little or no hazard to the environment

14.6 Special precautions for user

- No special precautions are required for this product

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not hazardous according to current ADR Regulations
- Not hazardous according to current IATA Regulations
- Not hazardous according to current ICAO Regulations
- Not hazardous according to current RID Regulations



14 Transport information (....)

Road/Rail (ADR/RID)

Proper Shipping Name:

ADR Hazard Class:

Tunnel Code:

ADR UN No.:

ADR Packing Group:

Sea (IMDG)

Proper Shipping Name:

IMDG Hazard Class.:

IMDG UN No.:

IMDG Pack Group.:

Air (ICAO/IATA)

Proper Shipping Name:

ICAO Hazard Class.:

ICAO Un No.:

ICAO Packing Group.:

15 Regulatory information

15 .1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- The List of Wastes (England) Regulations 2005 apply in the UK
- Not hazardous according to current CPL Regulations

15 .2 Chemical Safety Assessment

16 Other information

The statements made herein are based on our best present experience and are intended to describe product safety requirements. They should not therefore be considered as a warranty of specific properties.