MO-SCI Corporation

MO-SCI Health Care, L.L.C. and MO-SCI Specialty Products, L.L.C.
4040 HyPoint North
Rolla, MO 65401 USA
Telephone: 573-364-2338 Fax: 573-364-9589

Material Safety Data Sheet

Section 1 - Product And Company Identification

1.1 Product Identity: GL-0811 Bioactive Glass

1.2 Product Name and/or Product Code: 13-93 Bioactive Glass Spheres, Beads, Balls, Frit, Fiber, Ribbons, Discs and/or Rods

1.3 Manufacturer Name and Address: MO-SCI Corporation
4040 HyPoint North
Rolla, Missouri, USA 65401

1.4 Emergency Telephone Number: 573-364-2338 (USA)
Hours of Operation are Monday through Friday; 8am to 5pm CST

Section 2 - Hazards Information

2.1 Emergency Overview: None

2.2 OSHA Regulatory Status: None

2.3 Potential Health Effects:
Glass and nuisance dust may cause temporary respiratory and/or eye irritation.
Possible contact dermatitis.
Slipping hazard can be present when spilled on floor.

2.4 Potential Environmental Effects: None

Section 3 - Composition / Information on Ingredients

Chemical Name	CAS #	EINECS(ELINCS)	WT%
Glass, oxide & Chemicals	65997-17-3	266-046-0	≤100%

Section 4 - First Aid Measures

4.1 Flush irritated eye with water or commercial eyewash. If unable to remove dust or beads by this method, seek medical care.
For respiratory irritation, remove victim to well-vented area. Seek medical care if this does not alleviate the condition.
Thorough cleansing reduces contact dermatitis.

Section 5 - Fire-Fighting Measures

5.1 Not applicable; Not a fire hazard.

Section 6 - Accidental Release Measures

6.1 Vacuum or sweep up spilled material to prevent slipping hazards.

Section 7 - Handling And Storage

7.1 No special precautions are needed, but gloves reduce the chance of contact dermatitis, glasses reduce possibility of eye irritation, and a dust mask reduces the effects of nuisance dust.

7.2 Store in ambient conditions.

Section 8 - Exposure Controls/Personal Protection

8.1 Exposure Guidelines:

Component	OSHA PEL	ACGIH TLV	Unit
Nuisance dust (>5µm)	15	10	mg/m^3
Nuisance dust-respirable (<5µm)	5	5	mg/m^3

8.2 Engineering Controls: Adequate ventilation

8.3 Personal Protective Equipment: Dust mask and Safety glasses

Section 9 – Physical and Chemical Properties

9.1 Glass appears to be white in color, tasteless, odorless.

9.2 No important health, safety or environmental information is available.

9.3 Physical Properties

Specific Gravity	2.66	Boiling Point	Not Measurable
Softening Point	600ºC	Vapor Pressure	Not applicable
Soluble in water			

Section 10 - Stability and Reactivity

10.1 Conditions to Avoid: Not Applicable

10.2 Materials to Avoid: Breakdown occurs in strong acids and bases, such as Hydrofluoric Acid and Sodium Hydroxide. Material soluble in water.

10.3 Hazardous Decomposition Products: Not Applicable

Section 11 - Toxicological Information

11.1 Possible Routes of Exposure:

Inhalation is not likely for materials >5µm in diameter
Ingestion is possible if good hygiene practices are not followed
Eye Irritation is possible if safety glasses/goggles are not worn.
Skin contact may result in contact dermatitis

Section 12 - Ecological Information

12.1 Not Applicable

Section 13 - Disposal Considerations

13.1 Glass can be disposed of in a solid waste landfill.

Section 14 - Transport Information

14.1 Class 55; Item Number 87660

14.2 Proper Shipping Name: Glass

Section 15 - Regulatory Information

15.1 Not Applicable

Section 16 - Other Information

16.1 Disclaimer: The information and recommendations herein are based upon data believed to be correct for material as shipped. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to this information.