



# 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-0180

1.2 Product Name and/or Product Code: Yttrium-Alumino-Silicate Glass

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, nitrile gloves reduce the chance of contact dermatitis, glasses reduce possibility of eye irritation, and a high efficiency particle respirator reduces the effects of nuisance dust.

7.2 Store in ambient conditions.



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<b>Section 8 - Exposure Controls/Personal Protection</b>			
<b>8.1 Exposure Guidelines:</b>			
<b>Component</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Unit</b>
Nuisance dust (>5µm)	15	10	mg/m <sup>3</sup>
Nuisance dust-respirable (<5µm)	5	5	mg/m <sup>3</sup>
<b>8.2 Engineering Controls:</b> Adequate ventilation			
<b>8.3 Personal Protective Equipment:</b> Dust mask and Safety glasses			
<b>Section 9 – Physical and Chemical Properties</b>			
<b>9.1</b> Glass appears to be white in color, tasteless, odorless.			
<b>9.2</b> No important health, safety or environmental information is available.			
<b>9.3 Physical Properties</b>			
Specific Gravity	3.35 g/cm <sup>3</sup>	Boiling Point	Not Measurable
Softening Point	934°C	Vapor Pressure	Not Applicable
<b>Section 10 - Stability and Reactivity</b>			
<b>10.1 Conditions to Avoid:</b> Not Applicable			
<b>10.2 Materials to Avoid:</b> Breakdown occurs in strong acids and bases, such as Hydrofluoric Acid and Sodium Hydroxide. Material is soluble in water.			
<b>10.3 Hazardous Decomposition Products:</b> Not Applicable			
<b>Section 11 - Toxicological Information</b>			
<b>11.1 Possible Routes of Exposure:</b>			
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			
<b>Section 12 - Ecological Information</b>			
<b>12.1</b> Not Applicable			
<b>Section 13 - Disposal Considerations</b>			
<b>13.1</b> Glass can be disposed of in a solid waste landfill.			
<b>Section 14 - Transport Information</b>			
<b>14.1</b> Class 55; Item Number 87660			
<b>14.2</b> Proper Shipping Name: Glass			
<b>Section 15 - Regulatory Information</b>			
<b>15.1</b> Not Applicable			
<b>Section 16 - Other Information</b>			
<b>16.1 Disclaimer:</b> 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.			