

# Material Safety Data Sheet

## Soda Lime Glass

Manufacturer: Cataphote, Inc. Issue Date: 9/05/1996  
P.O. Box 2369  
Jackson, MS 39225-2369

Telephone: Emergency Information 601-939-4612  
1-800-221-2574

### SECTION I

Product Name: Glas-Shot, Microbeads, Macrobeads, Microperl, Glass Beads, Pavement Beads, ML Spec Beads and Crushed Glass (Cullet)

Chemical Abstract Service Number: 65997-17-3

HMIS: Health 0 Flammability: 0 Reactivity: 0

### SECTION II – HAZARDOUS INGREDIENTS

Hazardous Components	OSHA PEL	ACGIH TLV
Nuisance dust:	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Nuisance dust-respirable:	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>

Note: Soda-lime plate glass is used in the manufacture of glass beads. The composition of this material is an amorphous fusion of these oxides and are not crystalline types of free oxides (silica). Therefore, no danger of silicosis exist.

### SARA TITLE III – INFORMATION

This product is not an extremely hazardous material according to Federal Register, Vol. 51, No. 221 PP 41582-41594. It is not on the toxic chemicals listed in Committee Print Number 99-169 and is not a hazardous substance identified on the list of CERCLA chemicals.

### SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point – not measurable	Specific Gravity – 2.4 to 2.6 g/cm <sup>3</sup>
Vapor Pressure – n/a	Melting Point – above 1100°F
Vapor Density – n/a	Evaporation Rate – n/a
Solubility in Water – n/a	Appearance & Odor – white, tasteless, odorless

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### SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point – n/a  
Extinguishing Media – not a fire hazard  
Special Fire Fighting Procedures – not required  
Unusual Fire and Explosion Hazards – none

Flammability Limits – does not ignite  
LEL – n/a  
UEL – n/a

### SECTION V – REACTIVITY DATA

Stability – stable  
Incapability (Materials to avoid) – Concentrated hydrofluoric acid  
Hazardous Decomposition or byproducts – n/a  
Hazardous Polymerization – will not occur  
Conditions to avoid – none

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### SECTION VI – HEALTH HAZARD DATA

Routes of entry – Inhalation, ingestion  
Health hazards – None  
Carcinogenicity – This product is not listed as a potential carcinogen in either the NTP, IARC or OSHA  
Signs and Symptoms of Exposure – Overexposure may cause temporary respiratory and eye irritation  
Medical Conditions Generally Aggravated by Exposure – Overexposure can aggravate existing respiratory conditions and eye irritation  
Emergency and First Aid Procedures – If beads or dust cause eye irritation, flush the affected eye(s) with water or commercial eye wash. If unable to remove bead/dust by this method, seek medical care. If existing respiratory conditions are aggravated in your use of this product, get to a well-ventilated area. Seek medical attention if condition is not alleviated  
Steps to be Taken in Case Material is Released or Spilled – Vacuum or sweep up excess material to avoid a possible slipping hazard  
Waste Disposal Method – Glass beads are considered to be non-hazardous by the EPA under 29CFR 1910.1200, and if disposed as waste, the RCRA status of unused material is non-hazardous according to the list of CERCLA chemicals. If permitted by applicable Federal, State and Local regulation, glass beads can be disposed of in a solid waste landfill  
Precautions to be Taken in Handling and Storing – None  
Other Precautions – None

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### **SECTION VII – CONTROL MEASURES**

Respiratory Protection – Use NIOSH approved dust respirator

Ventilation – Local Exhaust – As required for nuisance dust

    Mechanical – As required for nuisance dust

Protective Gloves – As required per job

Eye Protection – Safety glasses/goggles for dust

Other Protection, Clothing or Equipment – None