



# MATERIAL SAFETY DATA SHEET

## SECTION 1: GENERAL INFORMATION

Product Name: Hollow Glass Microspheres (HGM)

Company: Langfang Olan Glass Beads Co., Ltd

Address : 1014, New World Centre, Aimin East Road, Langfang City, Hebei Province, China

Contact phone: +86 316 2013621 Fax: +86 316 7018536

Emergency Phone: +86 15100663145

E-mail : info@olanbeads.com

Website : www.olanbeads.com

## SECTION 2: HAZARD IDENTIFICATION

### 2.1 Hazard classification

Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### 2.2 Label elements

#### Signal word

Not applicable.

#### Symbols

Not applicable

#### Pictograms

Not applicable

## SECTION 3: PRODUCT COMPOSITION/INFORMATION ON INGREDIENTS

Components	C.A.S. No.	Typical Percentage
Soda Lime Borosilicate Glass	65997-17-3	97-100%

## SECTION 4: FIRST AID MEASURES

**Eye Contact:** Immediately flush eyes with large amounts of water.If signs persist, get medical attention.

**Skin Contact:** Immediately flush skin with large amounts of water.If signs develop,get medical attention.

**Inhalation:** Remove to fresh air.If signs develop,get medical attention.

**Ingestion:** Do not induce vomiting.Give victim two glasss of water.Never give anything by mouth to an unconscious person.Get medical attention.

## SECTION 5: FIRE & EXPLOSION DATA

<b>Fire:</b>	Not considered to be a fire hazard.
<b>Explosion:</b>	Not considered to be an explosion hazard.
<b>Fire Extinguishing Media:</b>	Use any means suitable for extinguishing surrounding fire.
<b>Special Fire Fighting Procedures</b>	Wear full protective clothing and self-contained breathing apparatus(SCBA).

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment and use respiratory protection equipment. Collect as much of the spilled material as possible. Use wet sweeping compound or water to avoid dusting. Sweep up. Clean up residue. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

## SECTION 7: HANDLING AND STORAGE

<b>Handling</b>	For industrial or professional use only. Avoid breathing of airborne material. Don't eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Use general dilution ventilation and /or local exhaust ventilation to control airborne exposures to below occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment.
<b>Storage</b>	Store under normal warehouse conditions.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>8.1 Engineering Controls</b>	Use with appropriate local exhaust ventilation. Provide local exhaust ventilation at transfer points. Conduct air monitoring to determine adequacy of ventilation. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control dust, fume, or airborne particles. If ventilation is not adequate, use respiratory protection equipment.
<b>8.2 Personal Protective Equipment</b>	
<b>8.2.1 Eye/Face Protection</b>	Avoid eye contact. The following eye protections are recommended: Safety Glasses with side shields.

<b>8.2.2 Skin Protection</b>	Avoid skin contact.  Select and use gloves and /or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials. Gloves made from the following materials are recommended: Neoprene, Nitrile Rubber.
<b>8.2.3 Respiratory Protection</b>	Avoid breathing of dust.  Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations. Half facepiece or fullface air-purifying respirator with N95 particulate filters.
<b>8.2.4 Prevention of Swallowing</b>	Don't eat, drink or smoke when using this product. Wash Exposed areas with soap and water.
<b>8.3 Exposure Guidelines</b>	Soda Lime Borosilicate Glass  OSHA permissible Exposure Limit (PEL)-10 mg/m <sup>3</sup> (TWA). ACGIH Threshold Limit Value (TLV)-8 mg/m <sup>3</sup> (TWA)

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Low density white powder (<130um)
<b>Color</b>	White
<b>Odor</b>	Odorless
<b>General Physical Form</b>	Solid
<b>PH</b>	8-9.5
<b>Specific Gravity</b>	0.2-0.6g/cm <sup>3</sup>
<b>Vapor density</b>	Not applicable.
<b>Boiling Point</b>	Not applicable.
<b>Flash Point</b>	Not applicable.
<b>Melting Point</b>	No data Available
<b>Solubility in water</b>	Negligible.

## SECTION 10: STABILITY AND REACTIVITY

<b>Stability</b>	Stable under ordinary conditions of use and storage.
<b>Hazardous Decomposition Products</b>	No information found
<b>Hazardous Polymerization</b>	Will not occur.

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>Acute Data</b>	When tested for primary irritation potential, this material caused mild eye irritation.
<b>Special studies</b>	This material is not listed by IARC, NTP or OSHA as a carcinogen.

## SECTION 12: ECOLOGICAL INFORMATION

<b>Environmental Fate</b>	No information found.
<b>Environmental Toxicity</b>	No information found

## SECTION 13: DISPOSAL CONSIDERATIONS

<b>Classification</b>	Disposed material is not a hazardous waste.
<b>Disposal Method</b>	Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. Dispose of container and unused contents in accordance with state and local requirements.

## SECTION 14: TRANSPORT INFORMATION

This material is not regulated hazardous material for transportation.

According to IATA DGR, this product can be classified as "NOT RESTRICTED, AS PER SPECIAL PROVISION A3"

## SECTION 15: REGULATORY INFORMATION

No specific provisions.

User should refer to any national measures that may be relevant.

## SECTION 16: OTHER INFORMATION

HS Commodity: 7018200090

Update: JAN. 10, 2024