



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product identify: Glass Microspheres
Product Name : Soda-Lime Glass Microspheres, Solid Glass Microspheres, Glass Beads, Glass Spheres, CAS: 65997-17-3 / EC: 266-046-0/ REACH No. not relevant (mixture)
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified use(s) Glass filler, Bead blasting, Glass media, etc.
- 1.3 Company name, address, phone, and e-mail: Novum Glass LLC
13150 Sterling Hills Drive, Rolla, MO 65401. Phone: 573-308-0380, e-mail: novum@novumglass.com
- 1.4 Emergency telephone number: 573-308-0380 (USA)

SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the substance or mixture

GHS Classification	Not classified as dangerous for supply/use
EC Classification	Not classified as dangerous for supply/use
GHS Labeling	Not required according to Regulation (EC) No 1272/2008 (CLP)
Hazards summary	Dust may cause irritation. Spilled material is slippery.
Signal Word	Warning!



H335 – May cause respiratory irritation.	P261 – Avoid breathing dust/fume/gas/mist/vapours/spray.
P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention.	P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Chemical Name and Ingredient(s): Glass oxide, Glass (100 %)	CAS No: 65997-17-3
EC No. 266-046-0 / REACH Registration: -----	EC Classification and Risk Phrases: Not applicable
Soda- Lime Glass (wt %): SiO ₂ (67-75%), Na ₂ O (10-20%), CaO (6-15%), MgO (1-5%), Al ₂ O ₃ (0-5%)	

3.2 Mixtures Not Applicable

SECTION 4: FIRST AID MEASURES

- 4.1 Description of first aid measures
 - Eye Contact: Irrigate with eyewash solution or clean water for at least 15 minutes, If symptoms persist, obtain medical attention.
 - Skin contact: Wash affected skin with plenty of water. If symptoms occur obtain medical attention.
 - Inhalation : In case of small particle inhalation, remove casualty to fresh air. If symptoms develop, obtain medical attention.
 - Ingestion: Rinse mouth with water. For large quantities swallowed seek medical advice/attention.

SECTION 5: FIRE-FIGHTING MEASURES

- 5.1 Not a fire hazard. Non-combustible.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Vacuum or sweep up spilled material to prevent slipping hazards. Avoid generation of dust.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling Avoid contact with eyes, skin and clothing. Avoid generation of dust. Wash thoroughly after handling.
- 7.2 Condition for safe storage Keep container tightly closed and dry.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substance: Glass oxide; Glass

Occupational Exposure Limits: OSHA PEL:15 mg/m³ total dust / 5 mg/m³ respirable;
ACGIH TLV :10 mg/m³ total dust / 3 mg/m³ respirable

8.2 Exposure Controls

8.2.1 Engineering Controls: When creating dust, use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

8.2.2 Personal Protection



Eye/face Protection	Wear safety glasses or goggles
Respiratory Protection	Use respiratory protection for dust-intensive work. NIOSH approved dust respirators or dust mask.
Skin Protection	Wear gloves. Wash hands thoroughly after use

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance.....Glass Powder. White.	Color.....Colorless	Odor.....Odorless
Solubility (Water).....Insoluble.	Specific Gravity..... 2.5	Softening PointApprox 650°C

The following information is not applicable to this product:

Upper/lower flammability or explosive limits; Odor threshold; Vapor pressure; Vapor density; pH; Initial boiling point and boiling range; Flash point; Evaporation rate; Flammability (solid, gas); Partition coefficient: n-octanol/water; Auto-ignition temperature; Decomposition temperature; and Viscosity.

9.2 Other Information: Hazardous Classes: None

SECTION 10: STABILITY AND REACTIVITY

10.1 Information on Stability and Reactivity

Reactivity: Stable under normal conditions.	Chemical stability: Stable under normal conditions.	Possibility of hazardous reactions: Not applicable.
Conditions to avoid: Creating dust.	Incompatible materials: Avoid strong acids.	Hazardous decomposition: Not applicable

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Ingestion: The acute oral toxicity of this product has not been tested.	Skin Contact: Dust can cause mechanical irritation.
Inhalation: Inhalation may cause irritation to the mucous membranes.	Eye Contact: Dust can cause mechanical irritation.
Carcinogenicity Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.	Sensitization: Not Sensitizing

SECTION 12: ECOLOGICAL INFORMATION

12.1 No environmental hazards have been reported or known. Not classified as PBT or vPvB.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Product is considered non hazardous. Dispose according to local, state, and national legislation.

SECTION 14: TRANSPORT INFORMATION

14.1 Proper Shipping Name; NOT CLASSIFIED AS DANGEROUS FOR TRANSPORT; Hazard Class: not relevant

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulation/legislation specific for the substance or mixture
TSCA Inventory Status: Reported/included. AICS Inventory Status: Reported/included.
DSL/NDSL Inventory Status: Reported/included. There is no CERCLA Reportable Quantity for this material.
Contains no SARA Title III, Section 313 notification chemical present at or above the de minimus level.
WHMIS/GHS Classification (Canada): Non-Hazardous under WHMIS. Not Classified as PBT or vPvB.
HMIS Rating; Health– 0, Flammability– 0, Reactivity – 0

SECTION 16: OTHER INFORMATION H-Statements: H335 – May cause respiratory irritation.

This is Rev. D dated 02/20/23. created per EU 2020/878. Rev.C SDS reviewed only 01/09/23. Previous 09/23/20 Rev. 2 (HCS). Previously MSDS 02/15/2016.

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