



Material Safety Data Sheet

Glass beads

Date of issue: March 24th, 2022

Section 1-Chemical Product and Company Identification

MSDS Name: Glass beads

Company Identification:

ZHENGZHOU HAIXU ABRASIVES CO., LIMITED
ADD: Yaxing Times Plaza, South Songshan Road, Erqi District,
ZhengZhou City, Henan Province, CHINA
Emergency number: +86-371-60900389
Information number: +86-371-60305637

Section 2 – Composition, Information on Ingredients

Component	SiO ₂	Na ₂ O	CaO	MgO	Al ₂ O ₃
Percent	65-73% Max	14% Max	8% Min	2.5-4%	0.5-2.0%
Cas No	14808-60-7	1313-59-3	1305-78-8	1309-48-4	1344-28-1

Section 3 – Hazards Identification

EMERGENCY OVERVIEW

Eye: May irritate eyes.

Skin: Not absorbed through the skin. May cause abrasions.

Ingestion: No known adverse effects, but ingestion not recommended.

Inhalation: May cause coughing or shortness of breath.

Chronic Effects: May affect breathing capacity.

Section 4 – First Aid Measures



Eyes: Wash with large amounts of water. Get medical attention, if needed.

Skin: Wash with water. Obtain first aid or medical assistance if needed.

Ingestion: If swallowed, seek medical attention.

Inhalation: Remove to fresh air, apply artificial respiration as needed. Get medical attention if needed.

Section 5 – Fire Fighting Measures

Flammable Properties: Non-flammable

Flash Point: None **Fire/Explosion Potential:** None

Upper and Lower Flammable Limits: None

Autoignition Temperature: None

Special Fire Fighting Procedures: None

Section 6 – Accidental Release Measures

Personal Precautions: Wear protective equipment. See Section 8.

Cleanup Measures: Normal cleanup procedures. Avoid generating dust.

Dispose using standard landfill methods consistent with applicable Federal, State and Local laws.

Section 7 – Handling and Storage

Normal Storage: General storage, ambient air temperature and pressure.

Handling: Avoid generating dust. Handle with adequate ventilation for dust.

Section 8 – Exposure Control, Personal Protection

Engineering Control: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposures below PELs or TLVs.

Respiratory Protection: Recommended if TLVs or PELs are exceeded. Use



NIOSH/MSHA approved respirators.

Skin and Hand Protection: Gloves as desired by user.

Eye and Face Protection: Use safety glasses with side shields. If there is potential for exposure to particles which could cause mechanical injury to the eye, wear goggle

Section 9 – Physical and Chemical Properties

Physical State: Beads

Odor Threshold: Not applicable

Vapor Pressure: Not applicable

Vapor Density(Air=1): Not applicable

Formula Weight: Not applicable

Density: 1.5 g/cm³

Specific Gravity: 2.5 g/cm³

PH: Not applicable

Water Solubility: Not applicable

Boiling Point: /

Melting Point: 680°C

Viscosity: Not applicable

Refractive Index: Not applicable

Surface Tension: Not applicable

% Volatile: Not applicable

Evaporation Rate: Not applicable

Section 10 – Stability and Reactivity



Reactivity: Not applicable

Chemical Stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: No data available

Incompatibility: Strong oxidizing agents, Hydrogen fluoride

Hazardous decomposition products: Other decomposition products- no data available

Conditions to Avoid: No data available

Section 11 – Toxicological Information

Acute Toxicity: No data available

Inhalation: No data available

Dermal: No data available

Acute Effects:

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available

Chronic Effects: No data available

Germ Cell Mutagenicity: No data available

Teratogenicity: No data available

Section 12 – Ecological Information

Not Available

Section 13 – Disposal Consideration

Approved landfill in accordance with all local, state and federal regulations.

Section 14 – Transport Information



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US DOT - Not regulated as a hazardous material

Section 15 –REGULATORY INFORMATION

NOT APPLICABLE

Section 16 –OTHER INFORMATION

NOT APPLICABLE

THIS INFORMATION IS BASED ON OUR PRESENT STATE OF KNOWLEDGE .IT SHOULD NOT THEREFORE BE CONSIDERED AS GUARANTEEING SPECIFIC PROPERTIES OF THE PRODUCTS DESCRIBED OR THEIR SUITABILITY FOR A PARTICULAR APPLICATION.