

**ZHENGZHOU HAIXU ABRASIVES CO.,LTD**

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Erqi District, ZhengZhou City, Henan Province, CHINA
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MATERIAL SAFETY DATA SHEET

SECTION 1: GERNARAL INFORMATION

Product Name: Glass Microspheres
Company: Zhengzhou HAIXU Abrasives Co., LTD
Yaxing Times Plaza, South Songshan Road,Erqi District, ZhengZhou City, Henan Province, CHINA
Phone: +86 371 60900389 Tax: +86 371 60305637
Emergency telephone number: +86 13526538098

SECTION 2: HAZARDS IDENTIFICATION

2.1 Hazard Classification

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

2.2 Label

Signal Word

Not applicable

Symbol

Not applicable

Pictogram

Not applicable

SECTION 3: PRODUCT COMPOSITION AND MAJOR CONSTITUENTS

Components	C.A.S. No.	Typical Percentage
Aluminum Calcium Sodium Silicate	1344-01-0	98-100%
Silicon Dioxide	7631-86-9	0-2%

SECTION 4: FIRST AID MEASURES

Eye Contact: Immediately flush eyes with large amounts of water. If symptoms continue, get medical attention.

Skin Contact: Immediately flush skin with large amounts of water.If symptoms continue, get medical attention.

Inhalation: Please move outdoors for fresh air.If symptoms continue,get medical attention.

Ingestion: Do not induce vomiting. Give victim two glasss of water. If the person is unconscious, get medical attention.

SECTION 5: FIRE & EXPLOSION DATA

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

SECTION 6: ACCIDENTAL EMERGENCY MEASURES

Ventilate the area with fresh air. At the ventilating area of leak or spill, please 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 dust.

SECTION 7: HANDLING AND STORAGE

Handling	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 partial ventilation to control airborne exposures.
Storage	Store under normal warehouse conditions.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure Control	Use an appropriate local exhaust ventilation system. Provide local ventilation transmission points. Conduct air monitoring to determine proper ventilation. Control the airborne exposure using universal dilution ventilation and / or local exhaust ventilation.
8.2 Personal Protective Equipment	
8.2.1 Eye/Face Protection	Avoid eye contact. The following eye protections are recommended: Safety glasses with side shields.

8.2.2 Skin Protection

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.

8.2.3 Respiratory Protection

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.

8.2.4 Prevention of Swallowing

Don't eat, drink or smoke when using this product. Wash exposed areas with soap and water.

8.3 Exposure Limit

Aluminum Calcium Sodium Silicate

OSHA Permissible Exposure Limit (PEL)-10 mg/m³ (TWA).

ACGIH Threshold Limit Value (TLV)-8 mg/m³ (TWA)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	White powder(<200µm)
Colour	White
Odour	Odorless
Specific Physical Form	Solid
PH	8-9.5
Specific Gravity	2.5-2.7g/cm ³
Vapor Density	Not applicable
Boiling Point	Not applicable
Buring Point	Not applicable
Melting Point	No data available
Water-solubility	Negligible

SECTION 10: STABILITY AND REACTIVITY

Stability	Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products	No information found
Hazardous Polymerization	No information found

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity Date	When detecting a potential stimulus, this material may cause mild eye irritation.
Special studies	This material is not listed by IARC, NTP or OSHA as a carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

Environmental Fate	No information found
Environmental Toxicity	No information found

SECTION 13: DISPOSAL CONSIDERATIONS

Classification	Not listed as hazardous waste disposal
Disposal Method	When it cannot be recycled, it shall be reasonably treated in the manner supported by the appropriate waste treatment center.

SECTION 14: TRANSPORT INFORMATION

This material is not hazardous for transportation.

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

SECTION 15: REGULATORY INFORMATION

Measures for Environmental Management of New Chemical Substances (Order No.7, Ministry of Environmental Protection, 2010)

This product is an item, exempt from the new chemical substance environmental management regulations and IECSC catalogue list requirements.

Safety Management Regulations of Hazardous Chemicals (2015 Edition)

The Catalogue of Hazardous Chemicals (2015 edition) No ingredients included

GB18218-2018, Identification of major hazards of hazardous chemicals

No ingredients included

Regulations on Labor Protection of Toxic Articles (Order 352 of the State Council 2002)

No ingredients are included in the list of highly toxic items

This safety technical specification meets the following national standards: GB / T 17519-2013 Guide for Preparation of Safety Technical Specification for Chemicals; GB15258-2009 Chemical Safety Label Preparation Provisions; GB 30000.2-2013-GB30000.29-2013 Chemical Classification and Labeling Specification; GB6944-2012 Dangerous Goods Classification and Name Number; GB / T15098-2008 Classification Method for Transportation of Hazardous Goods; GB12268-2012 Name List of Hazardous Goods.

SECTION 16: OTHER INFORMATION

HS Code: 7018200090

Date: Aug. 31th, 2024