



# Henan Silk Road

## Abrasives & Tools

# SDS (Safety Data Sheet)

acc. to A HCS (29 CFR 1910.1200)

**MSDS PRODUCT NAME: Glass Beads**

## 1 IDENTIFICATION

Product Identifier	Glass Beads
Synonyms	Mil 7 Mag Sep, Mil 9 Mag Sep
CAS No. / EC No.	65997-17-3 / 266-046-0
Recommended Use	Abrasive blasting, peening, finishing; physical spacers; road marking.
Use(s) Advised Against	Contact manufacturer if using product outside of recommended use cases.
Manufacturer/Supplier	<b>Email:</b> info@silkroadabrasives.com <b>Tel:</b> ( +86 ) 18638167333 <b>Address:</b> Zhengzhou High-tech Zone Enterprise Headquarters Base Innovation Park in Henan Province <a href="https://www.silkroadabrasives.com/">https://www.silkroadabrasives.com/</a>
Emergency Telephone No.:	CHEMTREC (US): 1-800-424-9300

All other regions contact your local poison control center or local chemical authority

## 2 HAZARD(S) IDENTIFICATION

### Classification of the substance or mixture:

Classification has been determined in accordance with United States OSHA HCS (29 CFR 1910.1200) requirements and any corresponding Globally Harmonized System (GHS) classification parameters

Additional Information Not considered to be hazardous as delivered.

### LABEL ELEMENTS

#### GHS Label Elements

Pictograms: None

Signal Word: None

Hazard-determining components of labeling: See Section 3 for more information.

Hazard Statements: None

Precautionary Statements: None

### HMIS Ratings (scale 0-4):

Health:	0
Fire:	0
Reactivity:	0
PPE:	

### NFPA Ratings (scale 0-4):

Health:	0
Fire:	0
Reactivity:	0
Specific Hazard:	

### Legend

4 – Extreme
3 – Serious
2 – Moderate
1 – Slight
0 - Minimal

- Indicates a long term health hazard from repeated or prolonged exposures

**Other Hazards:** No additional information available at time of document generation.



### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: substance

Identifier	Chemical Name/Description	GHS Hazard(s)	Wt. %
CAS No.: 65997-17-3 EC No.: 266-046-0	Glass Beads	N/A	> 99

Product may contain hazardous chemicals below reportable concentrations. Product as delivered is not considered to be hazardous.

### 4 FIRST AID MEASURES

<b>General Information</b>	Seek medical advice if symptoms occur after exposure.
<b>After inhalation:</b>	Supply fresh air. Get medical help if symptoms occur.
<b>After contact with eyes:</b>	Irrigate with large quantities of water for at least 10 minutes. Remove contact lenses if present and easy to do so. Seek medical help if persistent irritation or tissue damage occur.
<b>After skin contact:</b>	Wash thoroughly with soap and water. Seek medical advice if any symptoms occur.
<b>After swallowing:</b>	If swallowed, rinse mouth with plenty of water if affected person is fully conscious. Do not give anything by mouth or induce vomiting in an unconscious person. Seek medical advice.
<b>Key symptoms and effects, both acute and delayed:</b>	No relevant information available.
<b>Indication(s) of need for immediate medical help:</b>	Any indication of tissue damage, respiratory distress, or distress of the digestive system from exposure.

### 5 FIREFIGHTING MEASURES

<b>Flash point:</b> N/A	<b>UEL:</b> N/A	<b>LEL:</b> N/A
<b>Auto-ignition temperature:</b>	N/A	
<b>Extinguishing media:</b>	Use any suitable media for the environment in which the fire or conflagration is taking place. Be mindful of any surrounding flammable/combustible materials. High volume water jet not preferred due to the risk of spreading fire.	
<b>Hazardous decomposition products:</b>	None anticipated.	
<b>Firefighting instructions:</b>	Firefighters and other involved individuals should wear self-contained breathing apparatuses and be aware of any other flammable/combustible substances involved in the fire.	

### 6 ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment, and emergency procedures:</b>	No special measures required. Per general best practices: wear protective clothing, ensure adequate ventilation, avoid dust formation, use respiratory protective devices when anticipating fumes or dusts, and avoid contact with the eyes and skin where possible
<b>Environmental precautions:</b>	Per best general practices, prevent material from entering drains or water courses. Do not allow to enter soil.
<b>Methods and material for containment and cleanup:</b>	Pick up mechanically. Store in suitable receptacles for recovery or disposal. Verify compliance with local regulations for waste disposal
<b>Other information:</b>	See Section 7 for additional information on safe handling. See Section 8 for additional information on personal protective equipment. See Section 13 for additional information on disposal.



## 7 HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	No special precautions required.
<b>Information about protection against explosions and fires:</b>	No special measures required.
<b>Requirements for storerooms and receptacles:</b>	Storage areas should be ventilated to protect against formation of dusts. Use good housekeeping practices to minimize nuisance dust formation.
<b>Information regarding storage in common storage facility:</b>	No special measures required
<b>Further information about storage conditions:</b>	No special measures required

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Applicable component occupational exposure limits requiring monitoring at the workplace:**  
Product does not contain any materials with critical values requiring workplace monitoring at relevant quantities.

<b>Additional limit information:</b>	No additional information available at time of document authoring.
<b>Engineering controls:</b>	Ensure good ventilation in the workplace.
<b>Risk management:</b>	No special measures required.

### PERSONAL PROTECTIVE EQUIPMENT

<b>Breathing equipment:</b>	If high dust levels expected, wear suitable respiratory devices.
<b>Hand protection:</b>	Wear protective gloves to ensure against mechanical hazards.
<b>Eye protection:</b>	Wear safety glasses or goggles to protect against eye exposure
<b>Body protection:</b>	Wear general protective work clothing.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Glass beads
<b>Color:</b>	Colorless
<b>Odor:</b>	Odorless
<b>Odor threshold:</b>	Not applicable
<b>pH:</b>	Not applicable
<b>Melting/Freezing point:</b>	1346° F (730°C)
<b>Initial boiling point:</b>	No data available
<b>Boiling point range:</b>	No data available
<b>Flash point:</b>	Not applicable
<b>Flammability:</b>	Product is not flammable
<b>Upper explosive limit:</b>	Not applicable
<b>Lower explosive limit:</b>	Not applicable
<b>Auto-ignition temperature:</b>	Not applicable
<b>Evaporation rate:</b>	Not applicable
<b>Vapor pressure:</b>	Not applicable
<b>Vapor density:</b>	Not applicable
<b>Relative density:</b>	2.4 - 2.6 g/cc



<b>Water solubility:</b>	Not soluble
<b>Partition coefficient:</b>	No data available
<b>Kinematic viscosity:</b>	Not applicable
<b>Particle characteristics:</b>	Bead size: variable

## 10 STABILITY AND REACTIVITY

<b>Thermal decomposition / conditions to be avoided:</b>	No known hazardous thermal decomposition products. Product will melt at temperatures above 1346o F (730oC)
<b>Hazardous reaction potential:</b>	No known hazardous reaction potential
<b>Incompatible materials:</b>	No known incompatible materials.
<b>Hazardous decomposition products:</b>	No known hazardous decomposition products
<b>Other Information:</b>	Inert under normal storage, handling, and use conditions.

## 11 TOXICOLOGICAL INFORMATION

### Component LC<sub>50</sub>/LD<sub>50</sub> values relevant for classification:

Product does not contain any materials known to cause acute or chronic health effects from short or longterm exposure.

**Probable routes of exposure:** Accidental ingestion, direct skin/eye contact

**Effects on skin:** No relevant effects known

**Effects on eye:** May cause irritation consistent with the effects of other non-classified fine physical detritus.

**Inhalation effects:** No relevant effects known

**Ingestion effects:** No relevant effects known

**Sensitization effects:** No relevant effects known

**Subacute/chronic toxicity:** No relevant effects known

### Carcinogenicity:

**NTP Listing Status:** Substance is not listed

**IARC Listing Status:** Substance is not listed

**OSHA Listing Status:** Substance is not listed

**Cell mutagenicity:** No relevant effects known

**Reproductive effects:** No relevant effects known

## 12 ECOLOGICAL INFORMATION

**Aquatic toxicity:** Product is not determined to be toxic to the aquatic environment.

**Persistence and degradability:** Chemically stable/inert product which does not readily biodegrade.

**Results of PBT assessment:** No data available

**Results of vPvB assessment:** No data available

**LogK<sub>ow</sub>, BCF values:** No data available

**Bioaccumulative potential:** No significant accumulation in organisms.

**Mobility in soil:** No relevant information available at time of document authoring.

**Other adverse effects:** No relevant information available at time of document authoring.

**Additional information:** No relevant information available at time of document authoring.



### 13 DISPOSAL CONSIDERATION

<b>Waste treatment methods:</b>	Do not dispose of product via sewage system or other liquid waste streams. Contact your local waste disposal authority to determine necessary steps for disposal in your locality.
<b>Contaminated packaging:</b>	Contact your local waste disposal authority to determine necessary steps for disposal in your locality.
<b>Additional information:</b>	Refer to Section 8 for exposure controls, personal protective equipment.

### 14 TRANSPORT INFORMATION

<b>DOT (US)</b>	Not regulated for transport
<b>IMDG/IMO</b>	Not regulated for transport
<b>IATA</b>	Not regulated for transport
<b>General Information:</b>	No additional information.

### 15 REGULATORY INFORMATION

<b>SARA 355 Components:</b>	Not listed
<b>SARA 313 Components:</b>	Not listed
<b>TSCA listing status:</b>	Listed
<b>Determinations of carcinogenic status:</b>	
<b>California Prop. 65:</b>	Not listed as a carcinogen or reproductive toxin
<b>EPA:</b>	Not listed as a carcinogen
<b>IARC:</b>	Not listed as a carcinogen
<b>ACGIH:</b>	Not listed as a carcinogen
<b>NIOSH:</b>	Not listed as a carcinogen
<b>State right-to-know listings:</b>	No known listings
<b>Information pertaining to Canadian regulations:</b>	
<b>Canadian Domestic Substances List:</b>	Liste
<b>Other regulations, limitations, and prohibitive regulations:</b>	This product has been classified in accordance with hazard criteria of the Hazardous Products Regulations, SOR/2015-17

### 16 OTHER INFORMATION

All information provided is based on GNPGraystar's present knowledge and understanding of this product and any applicable regulations and data. Any information provided does not constitute a guarantee for specific product features nor does it establish a legally valid contractual relationship.

<b>Abbreviations and acronyms:</b>	
ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
DOT (US)	Department of Transportation (United States)
EPA	Environmental Protection Agency (United States)
HMIS	Hazardous Materials Identification System (United States)
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association



IMDG/IMO	International Maritime Dangerous Goods/International Maritime Organization
NFPA	National Fire Protection Association (United States)
NIOSH	National Institute for Occupational Safety and Health (United States)
NTP	National Toxicology Program (United States)
OSHA	Occupational Safety and Health Administration (United States)
PEL	Permissible Exposure Limit
SARA	Superfund Amendment and Reauthorization Act
TLV	Threshold Limit Value
TSCA	Toxic Substance Control Act
TWA	Time-Weighted Average

**DISCLAIMER:**

regarding applicable regulations are provided to help users meet their regulatory obligations when using this product. Statements are not exhaustive of all potential regulatory parameters a user may be bound by and does not exempt users from ensuring their own compliance with applicable regulations regarding handling, use, and storage of the product, for which they are solely responsible.

**Release: April 26, 2023**

