

Trade Name: Glass Beads

1 IDENTIFICATION

Product Identifier:	Glass Beads, Various Sizes	
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:	GNPGraystar	GNPGraystar
	37 John Glenn Dr.	9 Simmonsville Road
	Amherst, NY 14228	Bluffton, SC 29910
	Ph: 716-759-6600	Ph: 843-815-5600

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.

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4 FIRST AID MEASURES

General Information:	Seek medical advice if symptoms occur after exposure.
After inhalation:	Supply fresh air. Get medical help if symptoms occur.
After contact with eyes:	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.
After skin contact:	Wash thoroughly with soap and water. Seek medical advice if any symptoms occur.
After swallowing:	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.
Key symptoms and effects, both acute and delayed:	No relevant information available.
Indication(s) of need for immediate medical help:	Any indication of tissue damage, respiratory distress, or distress of the digestive system from exposure.

5 FIREFIGHTING MEASURES

Flash point: N/A	UEL: N/A	LEL: N/A
Auto-ignition temperature:	N/A	
Extinguishing media:	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.	
Hazardous decomposition products:	None anticipated.	
Firefighting instructions:	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

Personal precautions, protective equipment, and emergency procedures:	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.
Environmental precautions:	Per best general practices, prevent material from entering drains or water courses. Do not allow to enter soil.
Methods and material for containment and cleanup:	Pick up mechanically. Store in suitable receptacles for recovery or disposal. Verify compliance with local regulations for waste disposal.
Other information:	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

Precautions for safe handling:	No special precautions required.
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Information about protection against explosions and fires:

No special measures required.

Requirements for storerooms and receptacles:

 Storage areas should be ventilated to protect against formation of dusts.
 Use good housekeeping practices to minimize nuisance dust formation.

Information regarding storage in common storage facility:

No special measures required.

Further information about storage conditions:

No special measure 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.

Additional limit information: No additional information available at time of document authoring.

Engineering controls: Ensure good ventilation in the workplace.

Risk management: No special measures required.

PERSONAL PROTECTIVE EQUIPMENT
Breathing equipment: If high dust levels expected, wear suitable respiratory devices.

Hand protection: Wear protective gloves to ensure against mechanical hazards.

Eye protection: Wear safety glasses or goggles to protect against eye exposure.

Body protection: Wear general protective work clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Glass beads

Color: Colorless

Odor: Odorless

Odor threshold: Not applicable

pH: Not applicable

Melting/Freezing point: 1346°F (730°C)

Initial boiling point: No data available

Boiling point range: No data available

Flash point: Not applicable

Flammability: Product is not flammable

Upper explosive limit: Not applicable

Lower explosive limit: Not applicable

Auto-ignition temperature: Not applicable

Evaporation rate: Not applicable

Vapor pressure: Not applicable

Vapor density: Not applicable

Relative density: 2.4 - 2.6 g/cc

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Water solubility:	Not soluble
Partition coefficient:	No data available
Kinematic viscosity:	Not applicable
Particle characteristics:	Bead size: variable
10 STABILITY AND REACTIVITY	
Thermal decomposition / conditions to be avoided:	No known hazardous thermal decomposition products. Product will melt at temperatures above 1346°F (730°C)
Hazardous reaction potential:	No known hazardous reaction potential.
Incompatible materials:	No known incompatible materials.
Hazardous decomposition products:	No known hazardous decomposition products.
Other Information:	Inert under normal storage, handling, and use conditions.
11 TOXICOLOGICAL INFORMATION	
Component LC₅₀/LD₅₀ values relevant for classification:	
Product does not contain any materials known to cause acute or chronic health effects from short or long-term 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_{ow} , 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.

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

13 DISPOSAL CONSIDERATION

Waste treatment methods: 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.

Contaminated packaging: Contact your local waste disposal authority to determine necessary steps for disposal in your locality.

Additional information: Refer to Section 8 for exposure controls, personal protective equipment

14 TRANSPORT INFORMATION

DOT (US) Not regulated for transport

IMDG/IMO Not regulated for transport

IATA Not regulated for transport

General Information: No additional information.

15 REGULATORY INFORMATION

SARA 355 Components: Not listed

SARA 313 Components: Not listed

TSCA listing status: Listed

Determinations of carcinogenic status:

California Prop. 65: Not listed as a carcinogen or reproductive toxin

EPA: Not listed as a carcinogen

IARC: Not listed as a carcinogen

ACGIH: Not listed as a carcinogen

NIOSH: Not listed as a carcinogen

State right-to-know listings: No known listings

Information pertaining to Canadian regulations:

Canadian Domestic Substances List: Listed

Other regulations, limitations, and prohibitive regulations: 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.

Abbreviations and acronyms:

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

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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

NOTICE: This safety data sheet complements technical data sheets but does not replace them. The information contained within is based on our present knowledge of the product on the document revision date. All information provided is done so in good faith. Product users should be warned about the risks associated with using the product for a different purpose than that for which it was intended as stated within this safety data sheet and any associated technical data sheets. GNPGraystar does not provide advice or indicate qualification for giving advice for uses outside of stated intended use cases. Statements 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.

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