



SAFETY DATA SHEET

138496

Revision Date: January 22, 2018

Page 1 of 5

1. Identification of the substance or mixture and of the supplier

1.1 Identification of the substance or preparation

Product Code: **138496**
Product Description: **PolyMag[®] Gray HSP**

1.2 Use of the substance/preparation

Masterbatch or compound for polymer industry

1.3 Company Identification

Eriez Magnetics
2200 Asbury Road
Erie, PA 16506 USA
Telephone: +1-814-835-6000
Fax: +1-814-838-4960

1.4 Emergency telephone

+1-814-835-6000

2. Hazards identification

2.1 Classification of the product

No need for classification according to GHS criteria for this product. Regulation (EC) No 1272/2008 - not classified as hazardous

2.2 Label elements

This product does not require a hazard warning label in accordance with GHS criteria. Regulation (EC) No 1272/2008 - not classified as hazardous

3. Composition / Information on ingredients

This product contains a proprietary blend of components encapsulated within a polymer matrix. This product is not regarded as hazardous under 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200.

4. First aid measures

a. Inhalation

Move to fresh air. If irritation persists, get medical attention.

b. Skin contact

If molten material contacts the skin or in case of skin irritation, immediately flush with large amounts of water and get medical attention.

c. Eye contact

Wash immediately with plenty of water. If irritation persists, get medical attention.

d. Ingestion

If swallowed, do not induce vomiting. Get medical attention.

WORLD AUTHORITY IN ADVANCED TECHNOLOGY FOR MAGNETIC, VIBRATORY AND INSPECTION APPLICATIONS

Manufacturing Facilities in: AUSTRALIA ♦ BRAZIL ♦ CANADA ♦ CHINA ♦ INDIA ♦ JAPAN ♦ MEXICO ♦ SOUTH AFRICA ♦ UNITED KINGDOM ♦ USA



SAFETY DATA SHEET

138496

Revision Date: January 22, 2018

Page 2 of 5

5. Firefighting measures

5.1 Suitable extinguishing media

Foam, CO₂, Dry Chemical and Water Fog

5.2 Hazardous combustion products

Burning may produce carbon monoxide, carbon dioxide, hydrocarbons and other possible toxic combustion products.

5.3 Special exposure hazards

In its present form, this product offers no unusual fire and explosion hazards. However, dust and fumes generated from this product could present an explosion hazard.

5.4 Special protective equipment for fire-fighters

Use self-contained breathing apparatus and chemical-protective clothing.

6. Accidental release measures

6.1 Personal precautions

Wear appropriate personal protective equipment. Eliminate all sources of ignition.

6.2 Environmental precautions

Do not allow entry to drains, water courses, soil or sewers.

6.3 Cleaning methods

Wearing appropriate personal protective equipment, sweep or vacuum and place in suitable container for disposal. Avoid creating dust.

7. Handling and storage

7.1 Handling

Avoid dust formation during handling. Provide appropriate local ventilation at machinery and at places where dust can be generated. In case of insufficient ventilation, wear suitable respiratory equipment.

7.2 Storage

Store in a cool, dry, well ventilated storage area. Keep container covered when not in use.



SAFETY DATA SHEET

138496

Revision Date: January 22, 2018

Page 3 of 5

8. Exposure controls / Personal protection

a. Engineering Controls

Work in well ventilated areas. Do not breathe dust, if generated. Physical processes such as grinding, high speed blending, etc may generate dust.

8.1 Personal protective equipment

a. Respiratory protection

Not required under normal process conditions and with adequate ventilation. However, should conditions exist that require respiratory protection, a NIOSH/MSHA approved respirator should be worn.

b. Eye protection

Wear safety glasses with side shields (or goggles).

c. Body protection

Wear protective gloves. Wear appropriate clothing to prevent repeated or prolonged contact with skin.

d. Hygiene measures

Wash thoroughly after handling and before eating, drinking or using tobacco products.

9. Physical and Chemical properties

Appearance:	Pellets
Odor:	No significant odor
pH:	Not measured
Melting point:	Not measured
Boiling point/boiling range:	Not measured
Flash point:	Not measured
Evaporation Rate:	Not measured
Flammability (solid, gas):	Not flammable
Upper/Lower flammability limits:	Not measured
Vapor pressure:	Not measured
Vapor density:	Not measured
Bulk density:	68 lbs/FT ³ +/- 8 lbs/FT ³
Solubility in water:	Not measured
Partition coefficient: n-octanol/water:	Not measured
Auto ignition temperature:	Not measured
Decomposition temperature:	Not measured



SAFETY DATA SHEET

138496

Revision Date: January 22, 2018

Page 4 of 5

10. Stability and Reactivity

10.1 Reactivity

Stable under normal conditions

10.2 Chemical stability

Stable

10.3 Conditions to avoid

Do not store near heat, flame nor strong oxidizing agents, acids or bases. Minimize dust generation and accumulation.

10.4 Hazardous decomposition products

Carbon monoxide, carbon dioxide, hydrocarbons and other possible toxic substances can be generated during thermal decomposition and combustion.

11. Toxicological information

Acute oral toxicity: Not tested

Acute inhalation toxicity: Not tested

Acute dermal toxicity: Not tested

Skin irritation: Not tested

Eye irritation: Not tested

Skin sensitization: Not tested

Chronic toxicity: Not tested

Carcinogenicity: This product is not classified as a carcinogen by IARC, NTP, OSHA or ACGIH

12. Ecological information

12.1 Ecotoxicity

No information available

12.2 Persistence and degradability

No information available

12.3 Bioaccumulative potential

No information available



SAFETY DATA SHEET

138496

Revision Date: January 22, 2018

Page 5 of 5

13. Disposal considerations

Dispose of in accordance with all local, regional, national and international regulations.

14. Transport information

U.S. Department of Transportation (DOT)

Not classified as a dangerous good under transport regulations.

15. Regulatory information

U.S. Toxic Substances Control Act (TSCA): All component(s) comprising this product are either exempt or listed on the TSCA inventory.

SARA Title III, Section 313: Chromium Compounds <15%

REACH – Candidate List of Substances of Very High Concern for Authorization (Article 59): Not applicable

REACH – Candidate List of Substances to authorization (Annex XIV): Not applicable

16. Other information

HMIS ratings:	Health:	0
	Flammability:	1
	Physical Hazard:	0

Disclaimer: To the best of our knowledge, the information contained herein is accurate. It is obtained by Eriez Magnetics from sources such as raw material suppliers and is believed to be true. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information on products referred to herein. No warranty of fitness for a particular purpose is made. This safety data sheet will supersede any that was previously received as it contains the most up to date information.