



## SAFETY DATA SHEET

137333

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

#### 1.1 Identification of the substance or preparation

Product Code: **137333**  
Product Description: **PolyMag® GRAY HSPC**

#### 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

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### 2. Hazards identification

#### 2.1 Classification of the product

No need for classification according to GHS criteria for this product

#### 2.2 Label elements

This product does not require a hazard warning label in accordance with GHS criteria

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### 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.

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### 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



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### **5. Firefighting measures**

#### **5.1 Suitable extinguishing media**

Foam, CO<sub>2</sub>, 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.

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### **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.

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### **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.



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### **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.

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### **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:	62 lbs/ft <sup>3</sup> +/- 15 lbs/ft <sup>3</sup>
Solubility in water:	Not measured
Partition coefficient: n-octanol/water:	Not measured
Auto ignition temperature:	Not measured
Decomposition temperature:	Not measured



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### **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.

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### **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

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### **12. Ecological information**

#### **12.1 Ecotoxicity**

No information available

#### **12.2 Persistence and degradability**

No information available

#### **12.3 Bioaccumulative potential**

No information available



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### **13. Disposal considerations**

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

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### **14. Transport information**

#### **U.S. Department of Transportation (DOT)**

Not classified as a dangerous good under transport regulations.

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### **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%

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### **16. Other information**

<b>HMIS ratings:</b>	<b>Health:</b>	<b>0</b>
	<b>Flammability:</b>	<b>1</b>
	<b>Physical Hazard:</b>	<b>0</b>

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