



SAFETY DATA SHEET

136050, 147235

Revision Date: June 14, 2022

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: **136050, 147235**
Product Description: **PolyMag® Beige XRD**

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 GHS Hazard Classifications

Carcinogen - Category 1A
Specific Target Organ Toxicity (STOT) RE – Category 2 (Lungs)

2.1.1 Other Hazards

No other hazards identified

2.2 Hazard Statements

H350 May cause cancer (inhalation)
H373 May cause damage to lungs through prolonged or repeated exposure (inhalation)

2.3 Precautionary Statements

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P260 – Do not breath dust/fume/gas/mist/vapors/spray
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P308+P313 – If exposed or concerned: get medical advice/attention
P501 – Dispose of contents/container in accordance with Federal, State & Local regulations

2.4 Signal Word: Danger

2.5 GHS Pictograms:





SAFETY DATA SHEET

136050, 147235

Revision Date: June 14, 2022

Page 2 of 5

3. Composition / Information

Substance	CAS	Composition %
Barium Sulfate	7727-43-7	66-73
Quartz	14808-60-7	< 1.0
Proprietary blend	Trade Secret	27-33

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.

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 full turnout gear and 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.



SAFETY DATA SHEET

136050, 147235

Revision Date: June 14, 2022

Page 3 of 5

6.2 Environmental precautions

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

6.3 Cleaning methods

Wearing appropriate PPE, sweep or vacuum & place in suitable container for disposal. Avoid creating dust.

7. Handling and storage

7.1 Handling

Keep off walking surfaces to prevent a slip hazard. Avoid dust formation. Provide appropriate local ventilation at places where dust can be generated. In case of insufficient ventilation, wear suitable respiratory equipment.

7.2 Storage

Store in a cool and dry storage area. Keep container covered when not in use.

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:	Slight
pH:	Not measured
Melting point:	Not Measured
Boiling point/boiling range:	2230°C
Flash point:	Not measured
Evaporation Rate:	Not measured
Flammability (solid, gas):	Not measured
Upper/Lower flammability limits:	Not measured
Vapor pressure:	N/A

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

136050, 147235

Revision Date: June 14, 2022

Page 4 of 5

Vapor density:	N/A
Bulk density:	65 lbs/FT ³ +/- 8 lbs/FT ³
Solubility in water:	Not measured
Partition coefficient: n-octanol/water:	Not measured
Auto ignition temperature:	N/A
Decomposition temperature:	Not measured

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.

10.5 Incompatibility

Strong acids

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:	Quartz has been classified by IARC as a known human carcinogen (Group 1)

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

136050, 147235

Revision Date: June 14, 2022

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 regulated

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:

This product does not contain any components that exceed the threshold reporting levels established by SARA Title III, Section 313.

16. Other information

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

California Proposition 65:  WARNING – This product can expose you to quartz (<0.7% by weight impurity) which is known to the state of California to cause cancer, for more information go to www.P65Warnings.ca.gov

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