



# Flexible Material Safety Data Sheet

## 1. Product and Company Identification

Product Name: Rubber Magnet  
Supplier's Name: Magnets Australia Pty Ltd (Magnets New Zealand Limited)  
Address: 142 Bush Road Albany, Auckland, New Zealand  
Contact Name: James Manzi  
Phone No: (02) 9136 9991  
E-mail: info@magnetsaustralia.com.au  
Date issued: 9<sup>th</sup> February 2015

## 2. Ingredients

| Component                | Percentage | CAS#       |
|--------------------------|------------|------------|
| Strontium Ferrite        | 85-95      | 12023-91-5 |
| Chlorinated Polyethylene | 5-15       | 64754-90-1 |

## 3. Hazards Identification

Classified Name: N/A  
Hazards: No Hazards  
Physical Hazard: N/A  
Environmental Effects: N/A

## 4. First-Aid Measures

Eyes: Flush with tepid water for at least 20 minutes holding eyelids wide open. Seek medical attention if irritation develops.

Ingestion: Not expected to be an important route of entry into the body. Ingestion of large amounts of dust or particulate may cause gastrointestinal distress. Seek medical attention if issues arise.

## 5. Fire-Fighting Measures

Use water, dry chemical, or carbon dioxide to extinguish fires involving the product. Product in or near fires should be cooled with a water spray or fog if compatible with the other materials involved in the fire.

## 6. Accidental Release Measures

N/A.

## 7. Handling and Storage

Store product at ambient temperatures out of contact with the elements. Keep from contact with strong mineral acids and oxidizers. Dusts and/or particulate matter that may be generated during handling or processing should be cleaned up by vacuuming or wet mopping.

## 8. Exposure Controls / Personal Protection

|                       |     |
|-----------------------|-----|
| Exposure Limit:       | N/A |
| Engineering Measure:  | N/A |
| Protective Equipment: | N/A |

## 9. Physical and Chemical Properties

|                                      |                              |
|--------------------------------------|------------------------------|
| Appearance and physical state:       | Brown-Black sheets or strips |
| Vapor Density (Air+1):               | N/A                          |
| Vapor Pressure:                      | N/A                          |
| Odour:                               | None                         |
| % Volatile by volume:                | Not Volatile                 |
| % Solubility (H <sub>2</sub> O):     | Insoluble                    |
| Ph:                                  | N/A                          |
| Octanol/Water Partition Coefficient: | ND                           |
| Evaporation Rate:                    | N/A                          |
| Specific Gravity/Bulk Density:       | 3.6-3.8 g/cc                 |
| Boiling Point:                       | N/A                          |
| Flash Point:                         | N/A                          |
| Melt Point:                          | ND                           |

## 10. Stability and Reactivity

|  |   |
|--|---|
| Stability and Polymerization:          | Product is stable. Hazardous polymerization will not occur.   |
| Incompatibility (Conditions to avoid): | Avoid contact with strong mineral acids and oxidizing agents.   |
| Hazardous decomposition product:       | May product dense smoke, oxides of carbon and low molecular weight organic and inorganic species whose composition and toxicity has not yet been characterized. |
| Special sensitivity:                   | N/A   |

## 11. Toxicological information

Detailed toxicological studies have not been conducted on the product. The strontium ferrite of the product is bound in an inert, soluble polymeric matrix and are not expected to be bio-available.

## 12. Ecological information

The product can be recycled.

## 13. Disposal consideration

The product is not considered hazardous. The product may be disposed of in an approved landfill or recycled if practical.

## 14. Transport information

The maximum field strength of this product observed at a distance of 2.1M is not more than 0.418A/m (0.00525 gauss) or the compass deflection is not more than 2 degrees.

The product is classified as non-dangerous cargo under the regulation of IMDG, IMO, DOT and/or other international marine transportation organisations.

Please see our manufactures declaration for more information for requirements for storage when transported by aircraft



## **15. International Regulatory information**

None.

## **16. Other information**

Not. Est. = not Established

N/A = Not applicable

ND = Not Determined

### **Notice from Magnets Australia**

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. It is the user's obligation to determine conditions of safe use of the product.

Magnets Australia requests the users of this product study this Material Safety Data Sheet and become aware of the product hazards and safety information; to promote safe use of this product, users should notify their employees, agents and contractors of the information on this Material Safety Data Sheet and any product hazards and safety information.

James Manzi  
International Logistics Manager  
Magnets Australia Pty Ltd  
Magnets New Zealand Ltd (A division of Magnets Group)

9<sup>th</sup> February 2021