



## Section 1 - Product Name

**Product Name:** Bonded Neodymium Iron Boron Magnet

## Section 2 - Hazardous Ingredients

**Chemical Name:** Nd<sub>2</sub> Fe<sub>14</sub> B

**Material/Component(s):**

Material or Component	Weight %	CAS No.	ACGUH TLV (mg/m <sup>3</sup> )
Neodymium (Nd)	24-26	NA	NA
Iron (Fe)	69-73	NA	NA
Cobalt (Co)	2-4.5	NA	NA
Boron (B)	0.6-0.85	NA	NA

## Section 3 - Physical Characteristics

**Vapor Pressure:** NA

**Vapor Density:** NA

**Specific Gravity:** NA

**Melting Point:** NA

**Evaporation Rate:** NA

**Odor:** Not detectable

**Solubility in Water:** Not soluble

## Section 4 - Fire and Explosion Hazard Data

**Flash Point:** Treated avoid flammable product

**FLAMMABLE LIMITS:** NA

**LEL:** NA

**UEL:** NA

**Extinguishing Media:** Sand

**Special Fire Fighting Procedures:** Sand

**Unusual Fire and Explosion Hazards(s):** NA



## Section 5 - Reactivity Data

**Stability:** Stable

**Conditions to Avoid:** NA

**Incompatibility (Materials to Avoid):** NA

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition or Byproducts :** NA

## Section 6 - Health Hazard Data

**Health Hazards (Acute & Chronic):** Carcinogenicity NTP? IARC Monographs? OSHA Regulated?

### Emergency and First Aid Procedures:

Procedure For	Procedure
Eye Contact	Wash away by water for 15 minutes at the least, then consult a doctor as soon as possible
Skin Contact	Wash away by water using soap
Inhalation	No problem noted
Ingestion	Consult a doctor

## Section 7 - Precautions for Safe Handling and Use

**Spill Procedure:** Sweep up material and place in metal can for disposal

**Waste Disposal Method:** Treat as metallic material

**Precautions to be taken in Handling and Storing:** No fire, avoid direct sunlight, store in cool, dry place.

## Section 8 - Control Measures

**Respiratory Protection:** Not indicated

**Eye Protection:** Not indicated

**Skin Protection:** Cotton gloves

**Ventilation:** Local exhaust

**Work / Hygienic Practices:** No special practices