



# Material Safety Data Sheet

## NEODYMIUM MAGNET

### SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Details: Neodymium

Trade Name: Neodymium Magnet

Company: Magnetz.dk

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Tel: +45 45 71 99 36 12

Date: January 020th, 2022

### SECTION 2 HAZARDS IDENTIFICATION

N/A for solid. Inflammable as a dust or small particle status Physical and Chemical Hazards Dipping into water or acid for a long duration can form hydrogen gas.

Dangers for Human and Environment Prolonged skin contact may cause irritation or allergenic dermatitis. Dipping into water or acid for a long duration can elute boron.

### SECTION 3 INFORMATION ON INGREDIENTS

Element	Content %
NdFeB	100

### SECTION 4 FIRST-AID MEASURES

**Skin contact:** There is no dangerous of skin contact, the skin do not contact the sharp corner of the material, avoid scratch the skin, if scratch, have a simple disinfection and bandage. If the skin contact the powder of the amterial, remove contaminated clotting and wash the skin thoroughly with soap and water. Any discomfort rapid medical treatment.

**Eye contact:** If the eyes contact the high temperature materials or powder, immediately flush the eyes with Plenty of running water,seek immediate medical attention.

**Inhalation:** The materials can't inhalation. If exposed in the stive which is caused by the material processing, Suggested that the staff use mask. If have uncomfortable, remove the patient fromm exposure and move to Fresh air immediately. Keep the respiratory tract smooth. Use oxygen if available. Get medical aid.

**Ingestion:** Do not induce vomiting. Call a doctor immediately and show him the label.

## **SECTION 5 FIRE FIGHTING MEASURE**

This kind product is non-flammable in a solid state, in case of fire use dry sand or dry chemical powder. Do not use water.

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

Personal Precaution: Keep the magnet away from a person with pacemaker

## **SECTION 7 HANDLING AND STORAGE**

Handling:

Be careful not to pinch fingers to any part of your body store in normal room temperature, free of corrosive atmosphere.

Storage:

Store in a clean, dry and well-ventilated place. Keep away from fire and heating sources. Keep separately from oxidizers, no mixing storage. Keep container seal, the storage place should be equipped with suitable shelter materials for divulgence handling.

## **SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION**

General protective and hygienic measures: Not required.

Breathing equipment: Not required.

Protection of hands: Not required.

Eye protection : Not required.

Skin protection: Rubber or plastic gloves

## **SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Form: Solid

Colour: silver

Odour: No specific odour

Melting point/Melting range: about 1539°C

Boiling point/Boiling range: N/A

Vapour Pressure: N/A

Vapour Density: Heavier than air

Evaporation Rate: N/M

Solubility in Water: Insoluble  
Flash point: N/M  
Flammable limits: Non-flammable  
LEL: N/A  
UEL: N/A  
Density: At 20°C 5g/cm<sup>3</sup>

## SECTION 10 STABILITY AND REACTIVITY

**Stability:** stable in normal atmosphere, rusting gradually in water or oxygen gas.

**Conditions to be avoided:** Do not use or store on wet conditions or corrosive atmosphere

**Incompatibility:** Avoid contact with acids, oxidizing agent or halogens, Dangerous products of decomposition, Dipping into water or acid for a long duration can form hydrogen gas.

## SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity: No data available.

Skin Corrosion/irritation: No data available

Serious eye damage/irritation: No data available.

## SECTION 12 ECOLOGICAL INFORMATION

No information is available about this product ecological data.

This product is not allowed to discharge into the sewer or /and rivers.

## SECTION 13 DISPOSAL CONSIDERATION

Recommendations: Dispose in closed container made of non magnetic material. Disposal must be in accordance with local regulations.

## SECTION 14 TRANSPORT INFORMATION

**RID/ADR:** Non-Hazardous for transport: this substance is considered to be non-hazardous for transport.

**IATA:** Non-hazardous for air transport : Non-hazardous for air transport, for magnetized products add steel plates around to avoid the magnetic field affect the flight instruments.

**IMO:** Non-hazardous for Sea transport: Non-Hazardous for sea shipment.

## **SECTION 15 REGULATORY INFORMATION**

Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products-Content and order of sections.

Regulation (EC) No.1272/2008 Classification, Labeling and Packaging of Substances and Mixtures.

## **SECTION 16 OTHER INFORMATION**

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

**The photo of the sample**



**\*\*\* End of Report \*\*\***