



# MSDS

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Date: Jan.19, 2021

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## Material Safety Data Sheet

### Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** PERMANENT NEODYMIUM MAGNET

**Material:** NdFeB Magnet

**Manufacturer:** Xiamen Permanent Magnet Electronic Co., Ltd.

**Address:** A437 Moer Lianhua Business Center, No.28 Xianglian Rd., Siming, Xiamen, Fujian, 361000 China

**Tel:** 0086-592-5223830

**Emergency Telephone:** 0086-592-5226373

**Fax:** 0086-592-5223320

### Section 2 - COMPOSITION INFORMATION

Ingredients:

Chemical Name	In % By Weight
Aluminum	0.4-0.8
Iron	55-56 .1
Neodymium	31-34
Dysprosium	3.5-5.2

### Section 3 - HEALTH HAZARD DATA

**Fatalness grade:** The sample is not divided into dangerous article.

**Invasion route:** Skin touch: None

Eyes touch: None

Inhalation : None

Ingestion : Ingest the sample may cause discomfort.

**Health hazards:** None

**Environment hazards:** None

**Burn & burst danger:** the sample can't burn



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## Section 4- HARMFUL MATERIAL OF ENVIRONMENT

### Composition Test Results

No.	Item	Unit	MDL	Ratio (%)
1	Cadmium (Cd)	mg/kg	2	N.D.
2	Lead (Pb)	mg/kg	2	N.D.
3	Mercury (Hg)	mg/kg	2	N.D.
4	Hexavalent Chromium (Cr VI)	mg/kg	2	N.D.
5	Polybrominated biphenYls (PBBs)	---	---	---
	Monobromobiphenyl	mg/kg	5	N.D.
	Dibromobiphenyl	mg/kg	4	N.D.
	Tribromobiphenyl	mg/kg	5	N.D.
	Tetrabromobiphenyl	mg/kg	5	N.D.
	Pentabromobiphenyl	mg/kg	5	N.D.
	Hexabromobiphenyl	mg/kg	5	N.D.
	Heptabromobiphenyl	mg/kg	4.5	N.D.
	Octabromobiphenyl	mg/kg	5	N.D.
	Nonabromobiphenyl	mg/kg	5	N.D.
	Decabromobiphenyl	mg/kg	5	N.D.
	Polybrominated biphenyl ethers	---	---	---
	Monobromobiphenyl ether	mg/kg	4.5	N.D.
	Dibromobiphenyl ether	mg/kg	4	N.D.
	Tribromobiphenyl ether	mg/kg	5	N.D.
	Hexabromobiphenyl ether	mg/kg	5	N.D.
	Heptabromobiphenyl ether	mg/kg	5	N.D.
	Octabromobiphenyl ether	mg/kg	4	N.D.
	Nonabromobiphenyl ether	mg/kg	5	N.D.
	Decabromobiphenyl ether	mg/kg	4	N.D.



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## Section 5 - Physical and Chemical Properties

**Physical state:** Solid

**Color:** Silver

**Shape:** Square & round

**Smell:** None

**Density:** 7.6 grams per cubic centimeter

**Solubility:** Not water soluble

**Sparkle point:** 1300°C

**Boiling point:** 3127 °C

**Disassemble Temperature:** 1300°

## Section 6 - First Aid Measures

**Skin touch:** Remove contaminated clothes and rinse the skin with plenty of water. Get medical aid.

**Eyes touch:** Lifting the upper and lower eyelids, flush the eyes with plenty of water or saline water. Get medical aid.

**Inhalation:** Remove from exposure and move to fresh air immediately. Keep the respiratory tract smooth. Use oxygen if available .Get medical aid.

**Ingestion:** Drink sufficient hot water and induce vomiting . Get medical aid.

## Section 7 - Fire Fighting Measures

**FLAMMABILITY :** NO

**Hazardous combustion products:** NO

**Fire-Fighting method & media:** Dry powder fire extinguisher or carbon dioxide fire extinguisher

**SPECIAL FIRE FIGHTING PROCEDURES:** Cut off the combustion passage

**UNUSUAL FIRE AND EXPLOSION HAZARD:** NO

## Section 8 - REACTIVITY DATA

**STABILITY:** Yes

**INCOMPATATIBILITY:** NO

**HAZARD POLYMERIZATION:** NO

**CONDITIONS TO AVOID:** NO

**HAZARD DECOMPOSITION PRODUCT:** NO



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## Section 9 - SPECIAL PROTECTION INFORMATION

**VENTILATION:** NO

**RESPIRATORY PROTECTION:** NO

**PROTECTIVE GLOVES:** NO

**EYE PROTECTION:** NO

## Section 10 - SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN STORING:** No special protection required

## Section 11 - Disposal Considerations

**Nature of waste:** /

**Waste disposal methods:** Refer to National or Local regulations before handling.

It is suggested to recycle.

**Attention abandoned:** /

## Section 12 - Transport Information

**Packaging Mark:** /

**Packaging Method:** /

Transport Attentions: Examine whether the package of the containers are integrate and tight-closed before transport. No divulgence, no collapse, no precipitation or no damage during the course of transportation. Don't put the goods together with oxidizer, acid and chief food chemicals, The transport vehicle and Ship must be cleaned and sterilized otherwise it is not allowed to assemble articles. During transport, the vehicle should prevent exposure, rain and high temperature. For stopovers, the vehicle should be away from fire and heat sources, When transported by sea, the assemble place should keep away from bedroom and kitchen, and isolated from the engine room, power and fire source. Under the condition of Road Transportation, the driver should drive in accordance with regulated route, don't stop over in the residential area and congested area. No slipping up in rail road.

## Section 13- Regulatory Information

**Regulatory Information:** /



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## Section 14 - Ecological Information

No specific information available for this product.

## Section 15 -Additional Information

**References:** /

**Guidance departments:** /

**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 here of 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.

Note: -Photo is included

Photograph of Sample



NdFeB magnet

\*\*\*End of MSDS\*\*\*