

Material Safety Data Sheet for: NdFeB Magnet

Beijing Jingci Magnetism Tech.

MATERIAL SAFETY DATA SHEET

in accordance with communitary directive 91/155/EEC

Section I - Identification of Product and Company

Trade Product Name: NdFeB Magnet	Preparation/Revision Date: Nov. 17, 2004
Company Name: Beijing Jingci Magnetism Tech.	Emergency phone: 0086-10-89491701
Company Address: No.31, Shuntong Road, Shunyi District, Beijing 101300, P.R.China	Information phone: 0086-10-89492084

Section II - Composition/Information on Ingredients

Portion	Material(%)								
	Fe	Nd	Dy	Al	B	NiSO _{4.7} H ₂ O	NiCl _{2.6} H ₂ O	H ₃ BO ₃	H ₂ O
MAGNET (NdFeB)	66.03	28.70	3.80	0.45	1.02	N/A	N/A	N/A	N/A
Plating Solution	N/A	N/A	N/A	N/A	N/A	35.3	0.5	7	57.2

Section III - Hazards Identification

Hazard Classification: If the product has been magnetized, take precautions when transporting.

Section IV - First Aid Measures

Treatment for eye contact: This product is considered safe if used according to the directions.

If scratched by the product, call surgeon.

Treatment for skin contact: This product is considered safe if used according to the directions.

If scratched by the product, call surgeon.

Treatment for inhalation (breathing): Will not occur.

Treatment for ingestion (swallowing): Go to hospital immediately.

Section V - Firefighting Measures

Suitable extinguishing media: Not applicable.

Forbidden extinguishing media: Not applicable.

Storage Conditions: Don't store under high temperature .

Suggested container(s): None.

Indication for Combined Storage: None.

Other Precautions: None.

Section V - Firefighting Measures

Suitable extinguishing media: **Not applicable.**

Forbidden extinguishing media: **Not applicable.**

Special firefighting measures: **None**

Unusual fire and explosion hazards: **None**

Special protection equipment: **Not applicable.**

Section VI - Accidental Release Measures

Personal Precautions: **Adopt precautions as provided for manipulation (section VII)**

Environmental Precautions: **Do not allow to drain to sewers.**

Reclaiming Methods: **Not applicable.**

Section VII - Handling and Storage

Handling Precautions: **Take care of being scratched by this product.**

Precautions in case of for Fire and Explosion: **None.**

Storage Conditions: **Don't store under high temperature .**

Suggested container(s): **None.**

Indication for Combined Storage: **None.**

Other Precautions: **None.**

Section VIII - Exposure control/personal protection

Precautionary Measures	<u>Ventilation</u>	
	Local Exhaust Ventilation: None required.	
	Special Ventilation: None required.	
	Mechanical (General) Ventilation: None required.	
Other Ventilation: None required.		
Limits	TWA: N/A;	PEL: N/A.

Respiratory Protection: **will not occur.**

Hands Protection: **Don't scratch hands with this product.**

Eyes Protection: **Don't scratch eyes with this product.**

Skin Protection: **Don't scratch skin with this product.**

Other Protection Equipments: **None.**

Section IX - Physical and Chemical Properties

Boiling Point: **Not determined.**

Vapor Pressure: **Unknow.**

Evaporation Rate (n-butane=1): **Unknow.**

Solubility in Water: **N/A**

Appearance and Odor (Physical Form): **Not determined.**

Flash Point: N/A	Upper explosivity limit: N/A	Lower explosivity limit: N/A
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Section X - Accidental Release Measures

Stability: **Stable**

Conditions to avoid: **Not applicable.**

Incompatibility (Materials to Avoid): **Unknow.**

Hazardous Decomposition Products: **Unknow.**

Hazardous Polymerization Products: **Will not occur.**

Section XI - Handling and Storage

Carcinogenic\Teratogenic: No

Effect and Hazards of Overexposure (Acute and Chronic)

Effects and Hazards of Skin Contact: This product is considered safe if used according to the directions.

Effects and Hazards of Eye Contact: This product is considered safe if used according to the directions.

Effects and Hazards of Inhalation (Breathing): Will not occur.

Effects and Hazards of Ingestion (Swallowing): Consult a physician.

Effects for Prolonged Exposure: This product is considered safe if used according to the directions.

Section XII - Ecological Information

There is no specific information on the product. Use according to good working practices, avoiding release of the product into environment.

Section XIII - Disposal Considerations

Dispose of in accordance to the local regulations.

Section XIV - Transport Information

SEA TRANSPORTATION

IMCO Number	If the product is magnetized, pack in alternating fashion or use sheet iron to screen magnetism when packaging.
UN Number	
Substance(s) determining hazard	

AIR TRANSPORTATION

ICAO/IATA Class	If the product is magnetized, pack in alternating fashion or use sheet iron to screen magnetism when packaging.
Substance(s) determining hazard	

TRANSPORTATION BY ROAD/RAILWAY

RID/ADR Class: N/A	Item Number: N/A	Hazard Label: N/A
Hazard Identification Number: N/A		Substance Identification Number: N/A

Section XV - Regulatory Information

CLASSIFICATION IN ACCORDANCE WITH EEC DIRECTIVES

HAZARD IDENTIFICATION SYMBOL None

R Sentences None

S Sentences None

Ingredients determining the label None

Section XVI - Other Information

Density of the product: about 7.5g/cm³.

CAUTION: PRODUCT FOR PROFESSIONAL USE

The information on this Safety Sheet is based on presently available data and to our best knowledge for the correct handling of the product under normal conditions. Any use of this product in any way not indicated on this Sheet or the use of this product together with any other process/procedure will be exclusively under the user's responsibility.