

MATERIAL SAFETY DATA SHEET

1、 Product and Company Identification

Product Name : Magnet SM2CO17 D11.5*0.75
Manufacturer's Name : HangZhou Permanent Magnet Group Co.Ltd
Address : The South Beach of 2nd Qianjiang Bridge Xiaoshan, Hangzhou, China. 311231
Section in charge :: Quality and Technical Department
Person in charge : Haizhen Liu
Tel : +86 0571 82875040
Fax : +86 571 82696043
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2、 Composition / Information on Ingredients

Substance / Preparation: Preparation

Ingredients and Composition:

Item	Element	Percent%
Magnet	Sm+RE	24-28
	Co	47-53
	Fe	15-18
	Cu	5.0-8.0
	Zr	2.0 -3.5

Chemical Formula: Sm2Co17

Standard No.: GB/T17951

3、 Hazards Identification:

Physical and Chemical Hazard: None
Adverse Human Healthy Hazards: None
Environmental Effects: None

4、 First –Aid Measures

Skin contact: N/A for as solid

For as dusts or particles, wash with soap and water.

Obtain medical attention if symptoms persist.

5、 Fire-fighting Measure

Extinguishing Media: Water、 Dry sand or Chemical powder, etc

Fire-fighting Measure: SMCO is apyrous, in case of fire, First shut off fire headstream, then make use of fire extinguisher or water to put out the fire.

6、 Accidental Release Measures

Method for Removal: Take safety measures for handing

Personal Precaution : Keep the magnetized magnets away from a person having an electric/electronic medical device, such as pacemaker

7、 Handing and storage

Handing:

-Do not allow the magnet to come close to fixed a floppy disk and electric watch or a magnetic card, since it can destroy or alter the magnetic data.

-Do not allow the magnet to come close to a person having an electric/electronic medical device, such as pacemaker

Storage:

-Store in a dry place free from corrosive atmosphere.

-Keep away from any magnetic object as iron、 cobalt、 or nickel magnetizer etc.

Hangzhou Permanent Magnet Group CO.,LTD.

杭州永磁集团有限公司

Add: The South Beach of 2nd QianJiang Bridge, XiaoShan,
Hangzhou, 311231, P.R.CHINA

Tel: +86-571-82696116

Fax: +86-571-82696043

Url: www.chinahpmg.com, www.china-hpmg.com



8、Exposure Controls/Personal Protection N/A

9、Physical and Chemical Properties

Physical State : Solid
Color : Silvery white
Melting Point : Approx. 1400°C
Explosion Properties : N/A
Density : 8.4g/cm³
Solubility in water : Insoluble
Solubility in acid : Soluble
Volatility : None

10、Stability and Reactivity

Stable in normal atmosphere.

React with acids, oxidizing agents.

Condition to Avoid: Do not use or store in the conditions as follows:

Acidic, alkaline or electrically conductive liquid, corrosive gases

Materials to avoid: Acids, oxidizing agents

Hazardous decomposition products: None

11、Toxicological information:

Acute toxicity : N/A

Local effects : N/A

Sensitization : Contact for a long duration may cause skin rash depend on personal sensitivity

Chronic toxicity: N/A

Carcinogen city: N/A

Mutagenicity : N/A

Reproduction toxicity: N/A

12、Ecological information

Mobility: N/A

Persistence /Degradability: N/A

Bioaccumulation: N/A

Bco-toxity: N/A

Other data (ex.Ecological limit): N/A

13、Disposal consideration

Disposal Method : -Recycle

Disposal regulation : Disposal must be in accordance with applicable federal, state/provincial and local law and regulations if any.

14、Transport information

-Pack up prudently so as to prevent products from breakage.

Regulations for transport.: When transport magnetized SmCo by air, follow the dangerous goods regulation of IATA (international air transport association)

15、Regulatory information

Follow all regulations in your country.

16、Other information

Additional health hazard data: N/A

Abbreviations : N/A=Not Applicable