

Safety Data Sheet

1. Chemical Product and Company Identification

Product Name:	SmCo 18 Magnet (Samarium Cobalt)
Company Name:	Bunting Magnetics Co.
Address:	1150 Howard Street, Elk Grove Village, IL 60007
Contact Person:	Dean Stahl
E-mail:	dstahl@buntingmagnetics.com
Telephone:	847-593-2060
Fax:	847-593-2045

2. Hazards Identification

Shipping name:	Not listed as hazardous materials
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3. Composition / Information on Ingredients

Product Name:	SmCo5 Magnets				
Formula:	SmCo				
Chemical Family:	Sm	Co	Pr	SnFe	Other
Percent%	16-21	62-63.5	16.5-21	0.1-1	.3-.5

4. First – Aid Measures

Eyes:	For as dusts or particles, wash with water. Obtain medical attention if symptoms persist.
Skins:	No harm for skin contact
Ingestion:	Spit out at once. If you have ingested it already, please obtain medical attention.
Inhalation:	Solid, generally speaking, it won't be inhaled.

5. Fire – Fighting measures

Hazardous:	NA
Dangerous combustion products:	NA
Means of Extinction	Water, Dry sand or Chemical powder, etc.

6. Accidental Release Measures

Measures:	Clean
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7. Handling and Storage

Handling Procedures and Equipment:	Be careful not to pinch fingers or any parts of your body, when handling and assembling magnet. 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 -Keep away from the children
Storage requirement:	Avoid contact with mineral acids, moisture and long-term exposure to air. Store under a dry, inert atmosphere.

8. Exposure Controls / Personal Protection

Respiratory system protection:	NA
Eye protection:	NA
Body protection:	NA
Hands protection:	NA

9. Physical and Chemical properties:

Physical state:	Solid	Shape:	NA
Appearance:	Grey	Smell:	NA
PH value	Neutral	Boiling Point:	NA
Decomposition Temperature:	NA	Flash point:	NA
Spontaneous combustion Temperature	NA	Vapor Pressure	NA
Density	8.4 g/cm ³	Solubility:	NA

10. Stability and Reactivity

Stability:	Good
Decomposition:	NA
Conditions to avoid:	Do not use or store in the conditions as follows: Acidic, alkaline or electrically conductive liquid, corrosive gases

11. Toxicological Information

Acute toxicity:	NA
Skin irritation or other side effects:	NA
Eye irritation or other side effects:	NA
Carcinogenicity:	NA
Reproductive toxicity:	NA
Other dangerous:	NA

12. Ecological Information

Eco toxicity:	NA
Persistence and biodegradability:	NA
Potential cumulatively:	NA
Motility from the soil:	NA

13. Disposal Considerations

The nature of the waste:	Disposal must be in accordance with applicable federal, state/provincial and local law and regulations if any.
Treatment of waste:	Recycle
Caution of waste:	NA

14. Transport Information

Package:	<ul style="list-style-type: none"> • Transport/Additional information: • Land transport ADR/RID (cross-border): • Remarks: Non-hazardous goods from the standpoint of the specified regulations Attention: Packing boxes with magnetized parts inside generate magnetic fields and are able to attract magnetizable materials. • Maritime transport IMDG: • Remarks: Non-hazardous goods from the standpoint of the specified regulations Attention: Packing boxes with magnetized parts inside generate magnetic fields and are able to attract magnetizable materials. • Air Transport ICAO-TI and IATA-DGR: Non-magnetized parts: Not classified as hazardous goods as understood in the ordinance given Magnetized parts in packaging units: Conduct test for classification as per IATA regulations (see Class 9 /Packing Instruction 902) If test is positive, the following apply: ICAO/IATA class: Class 9 / Page 172 UN/ID number: 2807 Correct technical name: Magnetized materials
Marine pollution:	NA

15. Regulatory Information

Follow all regulations in your country.

16. Other Information

No Data available.
