

Apex Magnets

Item		Material Safety Data Sheet (MSDS)	
Product and Supplier Identification	Product	Sintered Nd-Fe-B	
	Specifications and grade of products	Various	
	Name of supplier	Apex Magnets	
	Address of supplier	157 RMX Way	
	Tel of supplier	1-304-257-1193	
Composition	CAS:7440-00-8 EINECS:231-109-3	Neodymium	29-32%
	CAS:7429-91-6 EINECS:231-073-9	Dysprosium	0.8-1.2%
	CAS:7429-90-5 EINECS:231-072-3	Aluminum	0.2-0.4%
	CAS:7440-42-8 EINECS:231-151-2	Boron	1.0-1.2%
	CAS:7439-89-6 EINECS:231-096-4	Iron	64.2-68.5%
	CAS:7440-03-1 EINECS:231-113-5	Niobium	0.5-1.0%
Hazard Identification	Harm to health	Extreme care must be used in handling of the products as magnets can easily pinch fingers. If swallowed can cause gastronomical blockage.	
	Ecological Information	The environment-oriented products have been certified by SGS. Pb<2ppm Cr+6<2ppm Cd<2ppm Hg<2ppm	
	Physical harm	Magnetized products with strong magnetic fields have detrimental effects on electronic devices, and medical devices such as pacemakers.	
Handling and Storage	Requirements for packing and storage	Products should be packed with padding and shielding. Products should be stored in ventilated, dry and corrosion free environment.	
	Moving requirements	Transport carefully in well shock resistant, weatherproof containers. Extreme shock can cause premature breakage.	
	Accidental Release Measures	Cracking and chipping of products may occur. Magnets and magnetized products may collide into break into pieces or harm people.	
	Stability and Reactivity	Ni plating will oxidize around salt. Do not attempt to drill grind, cut, or incinerate. NdFeB powder which may be released can be unhealthy to breathe.	
Disposal Considerations	Way to treat waste	Sell it to rare-earth magnet producers	