

# 材料安全资料表

## Material Safety Data Sheet

项目/Item	材料安全资料表/Material Safety Data			
<b>1. 产品与供应商资料</b> Products and supplier's data	产品名称 Product	钕铁硼 NdFeB		
	产品性能 Specifications and grade of products	规格/Specification: N50/ R61.5 x r58 x L44 x W17.3887 x t3.5mm/ Radial paired magnetized/ NI+black epoxy coating.		
	性能/Grade:	N50		
	供应商名称 Name of supplier	东莞市卡瑞奇磁电科技有限公司		
	供应商地址 Address of supplier	广东省东莞市南城区黄金1路天安数码城B1栋710		
	供应商电话和传真 Tel. and fax of supplier	TEL: 86-769-21681429 Fax: 86-769-22625060		
	邮编/Postal code	523080		
	健康危害 Harm to health	碰撞后的产品磁性强, 碰撞可能回造成人员手指受伤 Collision of magnetized products with strong magnetic strength may hurt people's fingers.		
	环境影响 Influence to the environment	环保产品经权威机构CTI检测 The environment-oriented products have been certified by CTI: Pb<2ppm, Cr <sup>6+</sup> <2ppm, Cd<2ppm, Hg<2ppm.		
	物理及化学性危害 Physical and chemical harm	产品充磁后, 磁性强, 易损害电子产品, 如手机等 Magnetized products with strong magnetic strength have detrimental effects on electronic products such as cell phone.		
<b>3. 成分/组成信息</b> Ingredients analysis data	主要金属 Major metal	含量 content (%)	CAS NO.	危险性 EC No.
	钕 Nd	28.5	7440-00-8	No
	铁 Fe	66.5	7439-89-6	No
	镨 Pr	2.2	7440-10-0	No
	硼 B	0.5	7440-42-8	No
	镍 Ni	0.2	7440-02-0	No
	铜 Cu	0.05	7740-50-8	No
	镝 Dy	1.75	7429-91-6	No
	铽 Tb	0.3	7440-27-9	No
<b>4. 急救措施</b> First Aid measures	眼睛接触 Eye Contact	碰撞情况下会导致淤伤, 严重时请就医. Bumps and bruises, seek medical treatment.		
	皮肤接触 Skin contact	如长时间接触, 皮肤发痒, 就医. Itchy skin from prolonged exposure, seek medical treatment.		
	吸入 Inhalation	在燃烧情况下接触到后立即脱离现场至空气新鲜处, 如呼吸困难, 请输氧或就医. 正常品没有吸入危害. Disengage from the scene immediately after contact under burning to fresh air. If breathing is difficult, please send oxygen or seek medical treatment. No inhalation hazard for normal products.		
	食入 Ingestion	饮足温水, 催吐, 就医. Drink warm water, induce vomiting, seek medical treatment.		
<b>5. 消防措施</b> Fire protection measures	危险特性Hazard characteristics	高温可燃, 粉体与空气可形成爆炸混合物, 当达到一定浓度时, 遇明火会发生爆炸. High temperature flammable, powder and air can form an explosive mixture, when reaching a certain concentration, the open fire will explode.		
	有害燃烧物品Harmful incendiary articles	一氧化碳, 氮氧化物. Carbon monoxide, nitrogen oxides.		
	灭火措施Fire suppression measures	消防人员必须佩戴过滤式防毒面具, 或隔离式呼吸器, 穿全身防护服, 在上风向灭火. Firefighters must wear filter gas masks, or isolation respirators, and wear full fire suits to extinguish the fire in the upper wind direction.		
	灭火介质Fire extinguishing medium	干沙或达尔化学粉末. Dry sand or dar chemical powder.		
<b>6. 泄漏应急措施</b> Emergency Measures for leakage	应急措施 Emergency measures	固体物质发生散落时应及时回收收集和搬离. When the solid matter occurs to scatter, it should be collected and removed in time.		
	防护注意事项 Precautions	收集时可佩戴手套. Wear gloves when recycling.		
	环境注意事项 Environmental considerations	固定物质不会泄漏粉末或液体, 不适用. The stationary material will not leak powder or liquid, Not Applicable.		
	清理方法 Cleaning method	使用袋子或周转箱收集. Collect them in a bag or a box.		
<b>7. 操作和储存资料</b> Storage data	包装储存要求 Requirements on packing and storage	1) 充磁产品隔物包装, 进行磁性屏蔽. Magnetized products should be packed with lining and shielding. 2) 储存在通风, 干燥, 无腐蚀气氛的场所. Products should be stored in ventilated, dry and anti-corrosion places.		
	搬运要求 Moving requirements	小心轻放, 防震, 防碰, 防雨. Move carefully with shaking-proof, collision and rain-proof measures.		
	特殊状况下可能产生的危害反应 Harms expectable in unusual conditions	1) 产品破碎, 缺角. Cracks and chips of products. 2) 产品吸在一起易碰碎或伤人. Magnetization of magnetized products may collide into pieces or harm people.		
	应避免之物质 Materials must be kept away	1) 不接触水, 防雨. Keep away water and rain. 2) 与铁类物品保持距离. Keep away Iron-made goods.		
	吸入 Inhalation	在燃烧情况下接触到后立即脱离现场至空气新鲜处, 如呼吸困难, 请输氧或就医. 正常品没有吸入危害. Disengage from the scene immediately after contact under burning to fresh air. If breathing is difficult, please send oxygen or seek medical treatment. No inhalation hazard for normal products.		
	食入 Ingestion	饮足温水, 催吐, 就医. Drink warm water, induce vomiting, seek medical treatment.		
<b>8. 接触控制、个人防护</b> Storage data	手防护 Hand protection	戴手套 Wear gloves.		
	其他防护 Other protection	不需要 N/A		
	气味 Smell	无味 Tasteless		
	闪点 Flash point	无资料 No data		
	密度 Density	无资料 No data		
	熔点 Melting point	无资料 No data		
<b>9. 物理化特性</b> Physical and chemical characteristics	溶解性 Solubility	无资料 No data		
	其他物理化特性 Others	无资料 No data		
	稳定性 Stability	无资料 No data		
	聚合危害 Polymerization hazard	无资料 No data		
	分解产物 hazard Decomposition product	无资料 No data		
	不相容 Incompatible	无资料 No data		
<b>10. 稳定性和反应活性</b> Stability and reactivity	避免接触的物质 Substance to avoid exposure	强氧化剂 Strong oxidant		
	急性毒性 Product Acute	无资料 No data		
	致癌物质状态 Carcinogen status	无资料 No data		
	有害成分 Harmful ingredients	无资料 No data		
	生态学资料 Ecological information	未对这种材料进行环境生物降解研究. No environmental degradation studies have been conducted on this material.		
	<b>11. 毒理学资料</b> Toxicological information	废弃物处理办法 Way to treat waste	出售给稀土材料厂家. Sell it to rare-earth producer.	
建议处置方法 Recommended disposal method		处置应参阅国家和地方有关法规. 建议用焚烧法处置, 焚烧炉氮氧化物通过洗涤器除去. Disposal shall be referred to the relevant national and local laws and regulations. It is recommended to dispose of nitrogen oxides in incinerators by means of scrubbers.		
其他建议Other recommendations		当地、省市和国家相关处理规定的严格程度不同, 有关此类处理的相关信息, 请咨询您的律师或相应的主管单管, 禁止将产品倾倒、排放或冲刷到下水道或公共排水沟中. Unlike Yangchengdu, the local, provincial, and national treatment regulations, please consult your lawyer or corresponding supervisor for the first information on such treatment. It is forbidden to dump, discharge, or wash products into sewers or public drains.		
<b>13. 废弃物处理</b> Waste treatment		危险货物编号 Dangerous Goods Code	无资料 No data	
	运输名称United Nations transport	无资料 No data		
	危险性分类Hazard classification	无资料 No data		
	包装类别、包装标志 Type and mark of packaging	无资料 No data		
	包装方法Packing method	无资料 No data		
	运输注意事项Points to note for transport	携带防护器具和灭火器, 在运输装载前, 检查包装有无破损; 轻拿轻放; 防止坠落. 在运输中防止日晒/雨淋/高温和受潮. 虽不属于危险货物, 但运输中最好遵守. ICAO/IMDG/RID/ADR/AND相关规定. Carry protective gear and fire extinguishers, Check whether the packing is damaged before transportation; handle with care; prevent from falling, Protect against exposure / rain / heat and moisture during transport, Not Dangerous goods, but comply with relevant regulations during transportation ICAO/IMDG/RID/ADR/AND.		
<b>14. 运输信息</b> Transportation Information	法规信息Regulatory Information	无 No data		
	参考文献 References	无 No data		
<b>15. 法规信息</b> Regulatory Information	填表部门Filling Department	无 No data		
	数据审核单位 Data Audit Unit	无 No data		
	修改说明 Notes for revision	无 No data		
	免责声明 DISCLAIMER	注意: 这些物质数据是测试材料的典型值, 但可能会随样品的不同而发生. 变化, 不能使用典型值视为一批产品的可信分析结果或者产品的规格. 本MSDS的使用者, 在特殊使用条件下必须对该MSDS的适用性做出独立的判断, 由于使用本MSDS所导致的伤害, 对此编写者不承担任何责任. Note: The typical value of the material tested for these material data may change with the sample. The typical value can not be considered as a credible analysis of a batch of products or the specifications of the product itself.		
	<b>16. 其它信息</b> Other information	免责声明 DISCLAIMER	注意: 这些物质数据是测试材料的典型值, 但可能会随样品的不同而发生. 变化, 不能使用典型值视为一批产品的可信分析结果或者产品的规格. 本MSDS的使用者, 在特殊使用条件下必须对该MSDS的适用性做出独立的判断, 由于使用本MSDS所导致的伤害, 对此编写者不承担任何责任. Note: The typical value of the material tested for these material data may change with the sample. The typical value can not be considered as a credible analysis of a batch of products or the specifications of the product itself.	
参考文献 References		无 No data		
填表部门Filling Department		无 No data		
数据审核单位 Data Audit Unit		无 No data		

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