



# Sintered Ferrite



## Grade Characteristics

Grade	Electronic Guild of China	Type of Material	MMPA Equivalent	MMPA Brief	Alternates	IEC Equivalent	Isotropic/Ani sotropic
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## Magnetic Characteristics

Grade	Br	Br	Br	Hcb	Hcb	Hcb	Hcj	Hcj	Bhmax	Bhmax
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## Thermal Characteristics

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	erating Temp	Temp	Temp Coeff	Temp Coeff	erating Temp	ble Temp Coeff	Expansi on	Heat	Expansi on	Expansi on	Reducti on by Heat
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Grade	Max Op	Curie	Rev	Rev	Max Op	Reversi	Thermal	Specific	Thermal	Thermal	Weight
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## MSDS

### Section 1 - Product Name

**Product Name:** Ceramic Magnet

### Section 2 - Hazardous Ingredients

**Chemical Name:** Ba Fe or Sr Fe

**Material/Component(s):**

Material or Component	Weight %	CAS No.	ACGUH TLV (mg/m <sup>3</sup> )
Barium Ferrite (BrFe 203)	NA	NA	5 mg/m <sup>3</sup>
Strontium Ferrite (SrFe 203)	NA	NA	5 mg/m <sup>3</sup>
Soluble Barium	NA	NA	0.5 mg/m <sup>3</sup>

### Section 3 - Physical Characteristics

**Vapor Pressure:** NA

**Vapor Density:** NA

**Specific Gravity:** 5.1

**Melting Point:** 2400 F

**Evaporation Rate:** NA

**Odor:** None detectable

**Solubility in Water:** Slight

### Section 4 - Fire and Explosion Hazard Data

**Flash Point:** NA

**FLAMMABLE LIMITS:** NA

**LEL:** NA

**UEL:** NA

**Extinguishing Media:** NA

**Special Fire Fighting Procedures:** None. Material is not a fire hazard.

**Unusual Fire and Explosion Hazards(s):** Material will not ignite or explode



## Section 5 - Reactivity Data

**Stability:** Stable

**Conditions to Avoid:** No known incompatibilities

**Incompatibility (Materials to Avoid):** NA

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition or Byproducts :** Will not occur. None known.

## Section 6 - Health Hazard Data

**Health Hazards (Acute & Chronic):** No known acute or chronic health hazards. Not listed as carcinogen or potential carcinogen. Product may contain a slight amount of soluble barium over time.

### Emergency and First Aid Procedures:

Procedure For	Procedure
Ingestion	Epsom or glauber salts will convert any soluble Barium to harmless sulfate

## Section 7 - Precautions for Safe Handling and Use

**Spill Procedure:** Clean by brush or vacuum. No special precautions.

**Waste Disposal Method:** Observe all federal, state and local regulations when disposing this material.

**Precautions to be taken in Handling and Storing:** Material should be kept in dry environment.

Material is brittle and may chip if not handled with care. Surface dust may form over time.

## Section 8 - Control Measures

**Respiratory Protection:** NA

**Eye Protection:** Safety glasses

**Skin Protection:** Protective gloves desirable for long use.

**Ventilation:** Local exhaust

**Work / Hygienic Practices:** Clean after spilling as chips may develop. Clean hands after use.