



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 ³)
Barium Ferrite (BrFe 203)	NA	NA	5 mg/m ³
Strontium Ferrite (SrFe 203)	NA	NA	5 mg/m ³
Soluble Barium	NA	NA	0.5 mg/m ³

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.