Sintered Ferrite

Grade Characteristics

Grade	Electronic Guild of China	Type of Material	MMPA Equivalent	MMPA Brief	Alternates	IEC Equivalent	Isotropic/Anisotropic

Magnetic Characteristics

Grade	Br	Br	Br	Hcb	Hcb	Hcb	Hcj	Hcj	Bhmax	Bhmax

Thermal Characteristics

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

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/m3
Strontium Ferrite (SrFe 203)	NA	NA	5 mg/m3
Soluble Barium	NA	NA	0.5 mg/m3

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.