



Section 1 - Product Name

Product Name: Sintered Samarium Cobalt

Section 2 - Hazardous Ingredients

Chemical Name: Sintered Samarium Cobalt

Material/Component(s):

Material or Component	Weight %	CAS No.	ACGUH TLV (mg/m ³)
Samarium (Sm)	20-30	7440-19-9	N/A
Iron (Fe)	10-20	7439-89-6	N/A
Copper (Cu)	2-12	7440-50-8	N/A
Zirconium(Zr)	2-4	7440-67-7	N/A
Cobalt (Co)	Bal.	7440-48-4	N/A

Section 3 - Physical Characteristics

Vapor Pressure: N/A

Vapor Density: N/A

Specific Gravity: N/A

Melting Point: N/A

Evaporation Rate: N/A

Odor: N/A

Solubility in Water: Insoluble

Section 4 - Fire and Explosion Hazard Data

Flash Point: N/A

FLAMMABLE LIMITS: N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Dry sand or special powder extinguisher.

Special Fire Fighting Procedures: Use a special powder extinguisher, or pour dry sand on the fire to cut off its oxygen supply. Water should be avoided at all costs.



Unusual Fire and Explosion Hazards(s): Dust may explode.

Section 5 - Reactivity Data

Stability: Stable

Conditions to Avoid: N/A

Incompatibility (Materials to Avoid): N/A

Hazardous Polymerization: N/A

Hazardous Decomposition or Byproducts : N/A

Section 6 - Health Hazard Data

Health Hazards (Acute & Chronic): Dermal immune response may occur as a result of long-term or repeated exposure.

Emergency and First Aid Procedures:

Procedure For	Procedure
Skin - N/A	N/A

Section 7 - Precautions for Safe Handling and Use

Spill Procedure: User protective gear and equipment that will not discharge sparks.

Waste Disposal Method: N/A

Section 8 - Control Measures

Respiratory Protection: N/A

Eye Protection: Yes

Skin Protection: Gloves

Ventilation: N/A

Work / Hygienic Practices: N/A