Section 1 - Product Name

Product Name: Sintered Samarium Cobalt

Section 2 - Hazardous Ingredients

Chemical Name: Sintered Samarium Cobalt

Material/Component(s):

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

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:

<table>
<thead>
<tr>
<th>Procedure For</th>
<th>Procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin - N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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