DATA SHEET FOR LANTHANATED TUNGSTEN ROD AND ELECTRODES

1.0 HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>TWA</th>
<th>STEL</th>
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<tbody>
<tr>
<td>Tungsten</td>
<td>W</td>
</tr>
<tr>
<td>Lanthanum Oxide</td>
<td>La₂O₃</td>
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<tr>
<td></td>
<td>5mg/m³</td>
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<td>10mg/m³</td>
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2.0 PHYSICAL DATA

- Appearance: Grey Metal
- Odour: None
- Melting point: 3380°C
- Boiling point: 5900°C
- Vapour pressure: N/A
- Vapour density: N/A
- Evaporation Rate: N/A
- Solubility in water: Insoluble
- Specific gravity: 19.3

3. FIRE AND EXPLOSION HAZARD

- Flashpoint: N/A
- Flamable limits: N/A
- Unusual hazards: None

4. REACTIVITY DATA

- Stability: Stable
- Incompatibility: (materials to avoid)
  - Avoid contact of dust with strong oxidisers and strong acids.
- Hazardous Decomposition Products: None
- Hazardous Polymerization: Will not occur

5. HEALTH HAZARD DATA

As clean sintered material, there are no routes of exposure. However, should dust be generated:

- Skin and eye contact: Irritation can occur.
  - Wash with mild soap and water.
  - Seek medical advice if irritation persists.
- Inhalation: As with any dust, avoid where possible.
  - Alternatively, protect with suitably approved respiratory equipment.
- Spillage and leakage: Avoid dust generation.

6. SPECIAL PRECAUTIONS

During any subsequent machining operation, minimise exposure to dust wherever possible

7. WASTE DISPOSAL

No special requirements.

This data is provided on the basis of current scientific and medical information.