
DATA SHEET FOR LANTHANATED TUNGSTEN ROD AND ELECTRODES

1.0 HAZARDOUS INGREDIENTS

	TWA	STEL	
Tungsten	W	5mg/m ³	10mg/m ³
Lanthanum Oxide	La ₂ O ₃	10mg/m ³	-

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.