

TUNGSTEN ELECTRODES

SECTION 1

Manufacturers Name: Various

Contact: t: +44 1299 266800 f: +44 1299 266900
e-mail; info@ parweld.co.uk

Address: Bewdley Business Park
Long Bank
Bewdley
Worcestershire
DY12 2UJ

Website Address: www.parweld.com

Trade Name: Tungsten Electrodes

SECTION 2 – ELECTRODES (GENERAL)

All have the base metal Tungsten.

Tungsten has a very high density, therefore dust will settle quickly.

A variety of electrodes are available from pure tungsten to thoriated or zirconiated.

SECTION 3 – GRINDING & HANDLING ELECTRODES

Safety glasses and breathing protection are required when grinding or handling grinding dust.

If possible avoid contact with grinding dust, wash hands thoroughly after handling, avoid shaking clothing, dust should be removed by vacuuming or washing.

Protective gloves are necessary when intensive handling occurs.

SECTION 4 – HAZARDOUS INGREDIENTS

Although Zirconium and Thorium is slightly radioactive, there is no evidence to indicate adverse health effects.

SECTION 5 – EMERGENCY & FIRST AID PROCEDURES

Inhalation of large amount of dust – Remove from exposure

If dust or particles get in the eyes, flush eyes with water. **Consult a Doctor immediately.**

When individuals are regularly exposed to intensive grinding and handling of thoriated tungsten dust, periodic medical examination are recommended.

In the event of fire use a dry powder extinguisher, cover all exposed surfaces, do not disturb until completely extinguished and allowed to cool.

Further information on safe working practices can be found in the Tig Installation and Operations manual on www.parweld.com

Information on Mig, Tig and Plasma processes can be found in the Process Synopsis manual on www.parweld.com.