DATA SHEET FOR
MULTI TYPE TUNGSTEN

1.0 CHEMICAL SPECIFICATION
1.1 98% Tungsten + 2% Fullers Earth
1.2 Form: bar-shaped
1.3 Colour: Turquoise
1.4 Smell: scentless

2.0 TECHNICAL SAFETY AND PHYSICAL DATA Inspection by:

2.1 Partition change

2.2 Density

2.3 Vaporization pressure

2.4 Viscosity

2.5 Solubility in water

2.6 PH index (at 5 g/H₂0)

2.7 Inflammability

2.8 Ignition temperature

2.9 Explosion limits

2.10 Thermal decomposition

2.11 Dangerous decomposition products

1.12 Dangerous/toxic reaction

2.13 Miscellaneous

3. TRANSPORT

4. REGULATIONS

Regulations only applicable and valid for the TIG welding procedure, see item 5.

5. SAFETY INSTRUCTIONS FOR STORAGE AND OPERATION

5.1 Technical safety instructions
During the process of TIG welding, well-working ventilation and air circulation must be provided as well as exhausting device to absorb welding fume.

5.2 Personal protection gear
Oxygen mask - not necessary when adequate ventilation is provided
Hand protection - welding gloves
Eye protection - welding goggles or welding shield
Miscellaneous - there is no danger of possible emerging radioactive Thorium regarding operation and storage of electrodes

5.3 Occupation hygiene see VDI pages

5.4 Fire and explosion protection – no particular measurements necessary

1.5 Disposal
Electrodes may not be disposed together with conventional waste or household trash. Rest pieces must be disposed of according to the respective regulations of each country.

1.0 MEASURES NECESSARY IN CASE OF FIRE AND ACCIDENTS
1.1 After spilling, leaking, gas leakage
1.2 Extinguishing agent
Suitable materials
Not suitable materials no restrictions

1.3 First Aid
In case of prolonged inhaling of welding fume, the person concerned must be supplied with fresh air. In case of burns, eye or nose irritation, a physician must be consulted.

7.0 INFORMATION ON TOXICOLOGY
There is no danger of poisoning or infection in case of mechanical injuries with the electrodes. Damages caused by TIG welding are unknown.

8.0 INFORMATION ON ECOLOGY
Proper operation does not cause undue exhaust responsible for the increase of air, water and soil pollution.

9.0 FURTHER REMARKS REGARDING RADIOACTIVITY
WS 2 material is mainly used for TIG welding electrodes.