

Material Safety Data Sheet

1, MATERIAL IDENTIFICATION

Product Name: Tungsten Electrode

Manufacturer: ChinaTungsten Online Manu. & Sales Corp.

2, INGREDIENTS

Designation	Oxide Additive, %	Tungsten, %	Tip Color
WP	/	≥99.95	Green
WT20	ThO ₂ : 1.70-2.20	≥97.30	Red
WL15	LaO ₂ : 1.30-1.70	≥97.80	Gold

3, HAZARDS DATA

Danger information: N/A

Particularly dangerous for people and the environment information: N/A

Classification: According to the latest version of the EU classification

4, FIRST AID MEASURES

Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, begin artificial respiration.

If no detectable pulse, begin Cardiopulmonary Resuscitation (CPR). Call for medical aid.

Skin: Wash affected area with soap and water. If rash develops, see a physician.

Eyes: Flush with a large amount of fresh water for at least 15 minutes. Get medical attention.

Ingestion: Seek medical attention.

5, FIRE FIGHTING MEASURES

Extinguishing Media: Carbonic acid gas, firefighting foam or water spray

Protection: No need.

6, ACCIDENTAL RELEASE MEASURES

Personal precautions: Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment

Environmental precautions: Avoid dispersal of spilled material

Methods for cleaning up: Vacuum or sweep up material and place in a designated, labeled waste container.

Other: No dangerous goods around.

7, HANDLING AND STORAGE

Handling

Safety: Does disconnect from the welding machine.

To prevent explosions and fires: Dust and air mixture will produce explosive substances

Storage

Storage sites and storage containers: No special method

General storage facilities: separate storage and food

Storage conditions: None

Classification

Classified according to the specifications of flammable liquids: None

8, EXPOSURE CONTROLS, PERSONAL PROTECTION

Welding facilities should monitor the material limit value: None

The protection of persons and health management: Can not eat, can not drink. Avoid breathing dusts or powders generated during grinding of electrode tips.

Breathing apparatus: Mist protective equipment required to wear breathing.

Hand protection: Not required

Eye protection: Not required

Protection of the body: Welding worker wear clothes

9, PHYSICAL AND CHEMICAL PROPERTIES

Shape : Rod

Appearance : Gray

Odor: No odor

Melting Point : Over 3400°C

Flash Point : N/A

Autoignition Temperature : Will not occur

Explosion Hazards : Will not occur

Gravity : 19.12g/cm² min. (room temperature)

10, STABILITY AND REACTIVITY

Thermal decomposition: the requirement to use no thermal decomposition.

Incompatibility (Material to Avoid): React with acids, alkalis and oxides. Dust explosion hazard.

Hazardous Decomposition Products: None recorded

11, TOXICOLOGICAL INFORMATION

Skin contact: No irritation

Eye contact: No irritation

Sensitivity: None

12, ECOLOGICAL INFORMATION

Generally will not pollute the water

13, DISPOSAL CONSIDERATIONS

Dispose of in accordance with Local, State and Federal regulations.

14, Sea pollution: None recorded

15, Limit: According to EU guidance table.

16, Others: