

SECTION 1: IDENTIFICATION

Product & Company Identifier

Product Name : Tin Plated Copper Single Wire, Multi Wire, Bunched or Stranded Wire
Intended Use : Conductor for electrical or electrical applications

Name, Address, and Telephone of the Responsible Party

Premier Farnell plc
150 Armley Road
Leeds
LS12 2QQ
+44 (0) 870 129 8608

Emergency Telephone

+44 1865 407333

SECTION 2: HAZARDS IDENTIFICATION

These metals present a low hazard in solid form. However when in the form of dust or fume they can be hazardous. This can arise from grinding, melting, welding etc.

Tin plated copper wire is an article which does not release.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition:	Base	Copper	(Cu)	>99.9%
	Coating	Tin	(Sn)	>99.9%

SECTION 4: FIRST AID MEASURES

Wash hands and face thoroughly after handling particularly before eating, drinking or smoking. Avoid practices, which could give rise to dust or fume by adopting safe working methods. Ensure Local Exhaust Ventilation and approved Respiratory Protective Equipment is used when grinding, melting or welding.

Regular dust monitoring of the air in the vicinity of plant or process using these materials is advised. Health surveillance e.g. blood tests – seek medical advice.

SECTION 5: FIREFIGHTING

Flash Point : N/A
Fire and Explosion Hazard : No risk of fire or explosion in normal handling conditions
Fire Extinguishing Media : No specific agents recommended

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures : Not applicable

SECTION 7: HANDLING AND STORAGE

Ensure material is stored in a dry, well-ventilated area in order to avoid tarnishing or corrosion. It should be handled with care using forklift trucks or cranes.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes – Safety glasses

Skin – Gloves to reduce contact

Approved Respiratory Protective Equipment (RPE) of the correct type to prevent inhalation of dust or fume when it is formed during processing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form : Solid

Appearance & Odor : Bright to dull silvery gray color. No odor

Melting Temperature : 1083 °C (Cu), 232°C (Sn)

Specific Gravity : 8,9 g/cm³ approx.

Solubility in Water : Insoluble

SECTION 10: STABILITY AND REACTIVITY

Stability : The product is stable.

SECTION 11: TOXICOLOGICAL INFORMATION

Material is not hazardous in normal use.

SECTION 12: ECOLOGICAL INFORMATION

No Information available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods : Recycle product or dispose properly.

Waste Disposal Recommendations : Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

14.4. In Accordance with TDG Not regulated for transport

SECTION 15: REGULATORY INFORMATION

Hazard symbols: No significant hazard

SECTION 16: OTHER INFORMATION

NA

Part Number
TCW25 250G
TCW24 500G
TCW22 500G
TCW21 250G
TCW20 500G
TCW16 500G
TCW35 250G
TCW18 500G

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