

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) 8701 202530

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 |

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.