

JPR Electronics Ltd t: +44(0)1582 470000 e: sales@jprelec.co.uk www.jprelec.co.uk	SAFETY DATA SHEET	DATE: 28.09.2012
		PAGE: 1 / 2
		NO : SDS-01
		REV. DATE: 02.10.2019
PRODUCT NAME : Tin Plated Copper Single Wire, Multi Wire or Bunched/Stranded Wire		REV. NO.: 2

Prepared according to the regulation on Safety Data Sheets regarding Hazardous substances and mixtures (R.G. 13/12/2014-29204).

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Tin Plated Copper Single Wire, Multi Wire or Bunched/Stranded Wire

Use : Conductor for electrical or electronic applications

Remarks: Tin Plated Copper Wire Product is article according to REACH Regulation EC/1907/2006. For article there is no legal obligation to issue a safety data sheet. However, to be able to provide information typically included in a safety data sheet also for articles, the present safety data sheet for articles has been voluntarily issued.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Base Metal : Copper (Cu) - min. % 99,9
Coating : Tin (Sn) - min. % 99,9

3. 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.

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

5. FIREFIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures : Not applicable

JPR Electronics Ltd t: +44(0)1582 470000 e: sales@jprelec.co.uk www.jprelec.co.uk	SAFETY DATA SHEET	DATE: 28.09.2012
		PAGE: 2 / 2
		NO : SDS-01
		REV. DATE: 02.10.2019
		REV. NO.: 2
PRODUCT NAME : Tin Plated Copper Single Wire, Multi Wire or Bunched/Stranded Wire		

Prepared according to the regulation on Safety Data Sheets regarding Hazardous substances and mixtures (R.G. 13/12/2014-29204).

7. HANDLING AND STORAGE

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

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.

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

10. STABILITY AND REACTIVITY

Stability : The product is stable.

11. TOXICOLOGICAL INFORMATION

Material is not hazardous in normal use

12. ECOLOGICAL INFORMATION

No information available

13. DISPOSAL CONSIDERATIONS

The scrap of the copper material is recyclable material. It can be recyclable according to regulation of related country at the end of the life cycle.

14. TRANSPORT INFORMATION

RID / ADR : Not classified
IMDG : Not classified
IATA / ICAO : Not classified

15. REGULATORY INFORMATION

Hazard symbols : No significant hazard

16. OTHER INFORMATION