

Section 1: Product and Company Identification

Product Name

Enamelled Copper Single Wire, Multi Wire, Bunched or Stranded Wire

Intended Use

Insulated Conductor for electrical or electrical applications

Name of Manufacturer or Supplier of the goods

Premier Farnell plc

150 Armley Road, Leeds, LS12 2QQ

+44 (0) 8701 202530

Emergency telephone number

+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.

Section 3: Composition/Information On Ingredients

Composition	Base	Copper	(Cu) >99.9%
	Insulation	Polyurethane	

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
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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 if necessary.

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 orange/red color. No odor at normal conditions

Melting Temperature : 1083 °C (Cu), solderable @ 390°C for 3s.

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
ECW0.80

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