

## Technical Data Sheet

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Safety Data Sheets, product photos, and other information can be obtained by visiting [www.chemtools.com.au](http://www.chemtools.com.au)



# Thermalle™ ELECTRASEAL-COPPER Electrical Jointing Compound

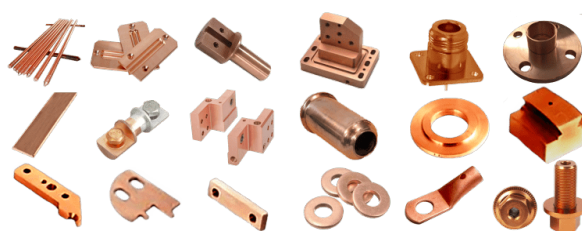
### SUITABILITY: Copper-to-Copper Conductors

PART NUMBER	AVAILABLE SIZE*
CT-TM009-50T	50g Tube
CT-TM009-250G	250g Tub
CT-TM009-1KG	1Kg Tub
CT-TM009-2.5KG	2.5Kg Tub

\*Available colours and/or sizes may change without notice.

### DESCRIPTION

Thermalle™ ELECTRASEAL-COPPER Electrical Jointing Compound is a no-set, no-flow, non-drying pliable compound for improving electrical connections between copper conductors. It provides excellent, reliable, and long-lasting electrical conductivity, corrosion protection from oxidation, and high resistance to water, moisture, dust, and other negative environmental factors.



ELECTRASEAL-COPPER is formulated with a solvent refined mineral oil base and is non-flammable and non-toxic. It is ideal for use in a wide range of applications including power distribution systems, telecommunication networks, underground cabling, electrical equipment and components, and many other industrial installations.

### APPLICATION

Clean the copper surfaces to be joined, removing any dirt, oil, or other contaminants.

Apply a thin layer to both surfaces, ensuring all areas are covered.

Join the conductors together and tighten any connectors or screws. Wipe off any excess compound.

Allow the joint to cure for at least 24 hours before applying any electrical load.

### TECHNICAL DATA

Conductive Constituent	Copper powders
Carrier	Solvent refined mineral oil
Appearance	Paste
Odour	None, odourless
Temperature Range	-40°C to +200°C
Shelf Life	>3 years when stored under recommended conditions

### FIRST AID & SAFETY PRECAUTIONS

**Always refer to Safety Data Sheet/s before use.** Use proper Personal Protection Equipment. Do not get in eyes, on skin, or on clothing. Use with adequate ventilation. Avoid breathing fumes. Keep away from heat, sparks, open flames, and hot surfaces. This product may produce adverse health conditions, ranging from minor skin irritation to serious systemic effects. It should not be used, stored, or transported until the handling precautions and recommendations as stated in the Safety Data Sheet/s for this product have been fully understood by all persons who will work with the material.

### STORAGE & TRANSPORT

**Refer to Safety Data Sheet/s for recommendations.** As a general precaution, keep containers tightly closed, protect from sunlight, and do not expose to temperatures exceeding 50°C. Store in a cool, dry place at room temperature (5 – 40°C). Do not return any unused material to its original container. Containers should be secured and stored upright during transit.

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