

## TT-A Tip tinner Cleaner Lead free

TT-A is a speedy and effective product for cleaning and re-tinning de-wetted soldering irons that cannot be re-tinned by sponges, pads or rosin-cored solder wire.

TT-A is a small block of electronics lead free grade solder powder and flux compacted into the shape of a thick disc, applicable for both lead & lead free application. It is packaged in a metal container complete with lid and self-adhesive pad on the underside so that it can be readily affixed to any convenient surface.

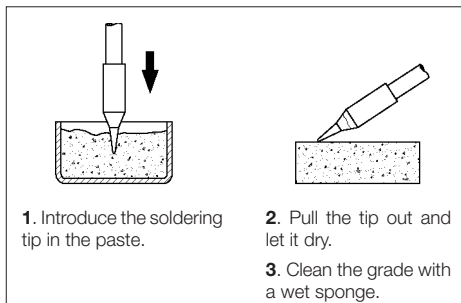
### Features & benefits

- Lead Free.
- Rapidly re-tins badly oxidised soldering irons.
- Activators thermally decompose.
- Minimal residues.
- Applicable for both lead free & Sn-Pb process.
- Alloy meets international purity standards.

### Application notes.

TT-A should be used when soldering iron bits become oxidised and cannot be re-tinned using cored solder wire or solder and flux employed in the normal assembly process.

The soldering iron should be at normal working temperature and loose debris should be wiped from the surface. It should then be wiped gently across the surface of the TT-A to produce local melting. There is no need to use a scrubbing action or undue pressure. If the iron is too cool (<220°C), residue inactivation cannot be assured. If it is too high (>450°C) re-tinning



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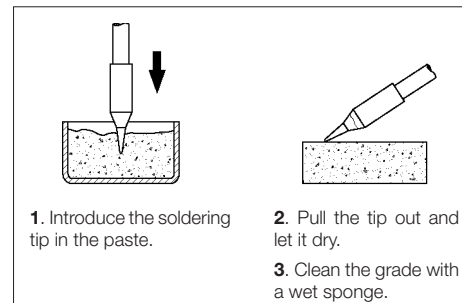
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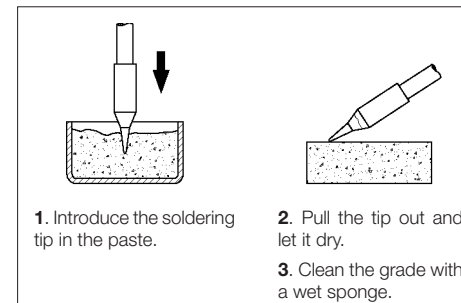
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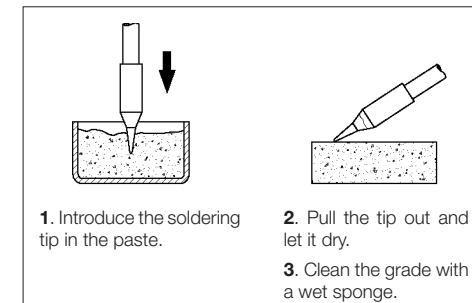
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may be impaired. After re-tinning, the soldering iron bit should be wiped as normal on a damp sponge. It will then be ready for re-use.

TT-A should not be used as a fluxing system for the regular assembly process.

#### Product specification.

TT-A Tip tinner / cleaner is a mixture including electronic grade solder powder and a unique fluxing system. The flux shows very high activity to clean heavily oxidised metal surfaces such as copper and iron plated soldering iron bits. It is formulated to decompose completely into inert components when exposed briefly to soldering temperatures. Consequently, the residues left after a normal bit re-tinning cycle is compatible with modern No Clean soldering processes.

#### Corrosion tests.

TT-A Tip tinner / cleaner passes the corrosion tests to DTD 599A & BS 5625 copper mirror corrosion tests. The tests were carried out in the following manner:

- UK Ministry of defence DTD 599A. Non-corrosive flux for soft soldering specification.
- British Standard BS 5625 for soft soldering fluxes.

#### Packaging.

TT-A blocks have a net weight of 15g. (0,5oz) and are supplied in cartons of 5.

#### Health and safety.

Fume Hazards and Precautions: Avoid inhaling the flux fumes produced during use. These are irritating to the respiratory system.

Protection and Hygiene: Eating, drinking and smoking should not be permitted in the work area. Hands should be washed with soap and warm water after handling TT-A, especially before eating. Keep out of reach of children.

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