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TT

Tip Tinner Lead Free Cleaner

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 and 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.

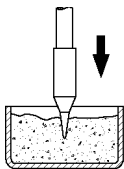
Features and benefits

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

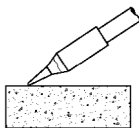
Application notes

TT-A should be used when soldering iron bits become oxidized 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 ($< 220\text{ }^{\circ}\text{C}$), residue inactivation cannot be assured.



1. Introduce the soldering tip in the paste.



2. Pull the tip out and let it dry.

3. Clean the grade with a wet sponge.

If it is too high (> 450 °C) re-tinning 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 oxidized 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 defense 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 15 g (0.5 oz) 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.



This product should not be thrown in the garbage.

In accordance with the European directive 2002/96/EC, electronic equipment at the end of their life must be collected and returned to an authorized recycling facility.