Soldering tip tinner for hand soldering irons

Description:

The Interflux® Tip Tinner is designed to keep wettable soldering tips in a good condition.

It cleans off carbonized flux residues and simultaneously re-tins oxidized soldering tips of hand (de-)soldering equipment.

The Interflux® Tip Tinner does not contain halogens or abrasive materials that can damage the surface of the soldering tip.

Correct use of the Tip Tinner can increase the life time of soldering tips substantially.

A clean soldering tip gives better heat transfer and will optimize the takt times in a hand soldering process.

To enhance the cleaning of heavily oxidised soldering tips, lower the tip temperature to about 250°C-320°C.

It is advisable to use the Tip Tinner after the soldering operation, before putting it back into the holder.

The frequency of the cleaning can be adapted towards the needs of each individual process and will depend on the soldering temperature, the type of solder wire and the frequency of use.

Small emissions of smoke are inherent to the process. As for any hand soldering operation, an air extraction is advised.

Products pictured may differ from the product delivered

RoHS compliant

Key properties

- Easily applicable
- Efficient cleaning action
- Faster soldering due to better heat transfer
- Increased tip life
- Absolutely halogen free

Physical and chemical properties

Specific density	1.704 g/ml ± 0.1
Colour	grey
Odour	mild
Solubility in water	insoluble
Alloy	Sn99,3Cu0,7

S.A. INTERFLUX® ELECTRONICS N.V - Eddastraat 51 - BE-9042 Gent - Belgium
tel.: +32 9251 4959 - fax.: +32 92514970
www.interflux.com - Info@interflux.com

Application

After the soldering operation, the soldering tip is dipped into the **TIP TINNER** and moved gently around until wetting of the tip has occurred. After that, the excess solder is wiped off on a damp sponge. It is advisable not to use cleaning tools, like metallic sponges, scraping tools, abrasive tip tinners,... as they may damage the surface of the soldering tip. This initial damage can quickly lead to the destruction of the soldering tip, especially with lead-free alloys.

Test results

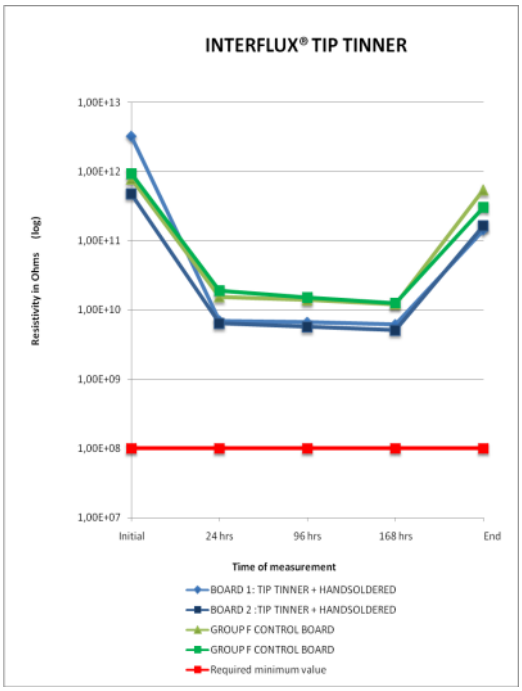
Surface Insulation Resistance test (SIR):

according to J-STD-004A, IPC-TM-650 Method 2.6.3.3

For this test, the soldering tip was dipped into the Tip Tinner, excess solder was wiped off on a damp sponge and the comb patterns were soldered with a no-clean, halogen free, lead-free solder wire.

Result : **Pass**

NOTE : This information is indicational. Tip Tinner is not considered soldering chemistry and does not need to comply with reliability tests for soldering chemistry according to the above mentioned standard.



Handling

Storage

Tip Tinner has a shelf life of 2 years when stored in original containers in a dry area at ambient temperatures. (5°C-32°C)

Safety

Please always consult the safety datasheet of the product.

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Packaging

Tip Tinner is available in the following packaging:

30g metal can

Trade name: Interflux® Tip Tinner

Disclaimer

Because Interflux® Electronics N.V. cannot anticipate or control the many different conditions under which this information and our products may be used, we do not guarantee the applicability or the accuracy of this information or the suitability of our products in any given situation. Users of our products should make their own test to determine the suitability of each such product for their particular purposes. The product discussed is sold without such warranty, either express or implied.

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