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TECHNICAL DATA

CIRCUIT CHEMICALS
PRODUCT RANGE

TIN LEAD PRE-STRIP 1510A

TIN LEAD POST-STRIP 1520B

Two Stage Immersion Tin Lead Stripper

Description:

Together 1510A and 1520B provide Printed Circuit manufacturers with an efficient, cost effective, reliable process for removing tin-lead prior to Hot Air Levelling.

When used as recommended a copper surface which is oxide free, passivated and exhibits excellent solderability is achieved.

Benefits:

- High speed, high capacity.
- Produces uniform, passivated copper.
- Eliminates intermetallic residues.
- Operates at room temperature.
- Non-exothermic.

Application:

A) Concentration and temperature:

1510A – Use as supplied at 20° - 25°C

1520B – Use diluted 1:1 with tap water at 20°- 30°C



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B) Equipment:

Use in PVC, Polyethylene or polypropylene equipment.

C) Immersion Times:

1510A - 1-2 minutes are normally sufficient to remove 5 – 10 microns.

1520B -30 seconds – 1 minute is recommended to produce a residue free, micro- etched copper surface.

D) Control:

1510A – Analyse for tin / lead and change solution when the tin / lead content reaches 80gpl.

Alternatively record the area of tin / lead stripped – Capacity 1.5 – 2.0m² of 7.5µ tin / lead per litre **1510A**.

1520B – Record the area of board processed – Capacity 3 – 5m²pre litre of 50% **1520B**.

Handling Precautions:

1510A contains Nitric Acid.

Avoid contact with the skin and eyes.

In case of contact with skin or eyes wash immediately with water and obtain medical assistance.

Ensure the solution is not contaminated with any chemicals or organic materials.

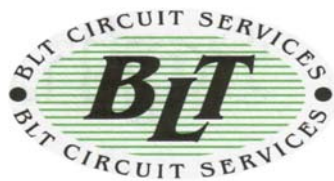
Refer to separate Material Safety Data Sheet.

1520B contains Hydrochloric Acid.

Avoid contact with skin and eyes.

In case of contact with skin and eyes wash immediately with water and obtain medical assistance.

Provide extraction from equipment to ensure spray does not enter the work area.



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Disposal of spent solutions:

1510A – Contact registered waste disposal company.

1520B – Neutralise to pH 8.5 with dilute alkali.

Settle or filter to remove solids.

The clear liquid should be tested for copper and can be discharged to sewer if less than 5 ppm.

Warranty:

All reasonable endeavours have been made to ensure that the information contained in this data sheet is accurate, but it is submitted on the express condition that BLT Circuit Services Ltd shall be under no liability whatsoever in respect thereof or for any loss, injury, damage or liability of whatsoever nature arising, suffered or incurred as a consequence of its use.