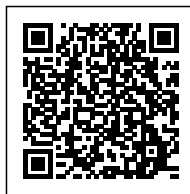


## SUR TIN BUNGARD IMMERSION TIN (1 FOR 2.5L)



SKU: 540115A



### BUNGARD SUR TIN FOR CHEMICAL TINNING

**The easiest, quickest and cheapest way to protect your PCB** is to dip it into a **Bungard Sur Tin** solution. A thin layer of copper will be exchanged with tin. Adhesion and IMC will take place directly on the copper. Components can be fixed by soldernig or press-fit-connection.

**Standard supply:** Sur Tin Part 1 - Sur Tin Part 2 - Sur Tin Part 3.

From one kit you will obtain 2.5 litres of product, with which is possible to cover a maximum surface of 2 sqm.

#### Surface properties

- Thickness: 0,8-1,2  $\mu\text{m}$
- Suitable for lead free soldering
- Not suitable for multiple soldering
- Shelf life of prepared solution: Several weeks by absence of air
- Storage time: 12 months - Solderability: 6 months
- Can be retinned any time
- Perfect planarity for SMT application
- Suitable for fine line technology



- Suitable for compliant pin (press-fit) connection
- Inexpensive application.

**Recommended equipment (NOT included)**

- Airtight container (it can be used also for preparing the solution)
- Bungard tinning tank with tilting top.

PRODUCT IDENTIFIER IN THE SAFETY DATA SHEET:

**SUR TIN Part 1**

LABEL ELEMENTS:

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Contains: Sulphuric acid

Danger. May be corrosive to metals. Causes severe skin burns and eye damage.

Precautionary statement(s): Wear protective gloves/protective clothing/eye protection/face protection - Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing - Immediately call a POISON CENTER or doctor/physician - Store locked up - Store in corrosive resistant container with a resistant inner liner - Dispose of contents/container in accordance with local/regional/national/international regulations.

PRODUCT IDENTIFIER IN THE SAFETY DATA SHEET:

**SUR-TIN Part 2 - Code: 74130**

LABEL ELEMENTS:

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Warning. Causes skin irritation - May cause an allergic skin reaction - Causes serious eye irritation - Harmful if inhaled - May cause respiratory irritation - Suspected of causing genetic defects - May cause damage to organs through prolonged or repeated exposure - Very toxic to aquatic life with long lasting effects.

Precautionary statement(s): Avoid breathing dust - Avoid release to the environment - Wear protective gloves - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing - Dispose of contents/ container to an approved waste disposal plant.

PRODUCT IDENTIFIER IN THE SAFETY DATA SHEET:

**SUR TIN Part 3**

LABEL ELEMENTS:

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.



*Hazard pictograms:*



*Warning. Causes skin irritation - May cause an allergic skin reaction - Causes serious eye irritation - Harmful if inhaled - May cause respiratory irritation - Suspected of causing genetic defects - May cause damage to organs through prolonged or repeated exposure - Very toxic to aquatic life with long lasting effects.*

*Precautionary statement(s): Avoid breathing dust - Avoid release to the environment - Wear protective gloves - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing - Dispose of contents/ container to an approved waste disposal plant.*

*DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEETS:*

**Bungard Elektronik GmbH & Co. KG** – Rilkestraße 1, D-51570 Windeck – Germany - Tel. +49 6131/19240 – [www.bungard.de](http://www.bungard.de)