Immersion Tin
SN 30-1

Immersion Tin SN 30-1 is a process for the electroless deposition of tin on copper and copper alloys in charge exchange. Tin deposits can also be used on lead surfaces and may be used to brighten lead- or tin-lead coatings.

Smooth bright tin layers approx. 1 - 2 µm thick are deposited on copper surfaces at a temperature of 70 °C, still enabling solderability after tempering (e.g. 4 hr at 155 °C).

Immersion Tin SN 30-1 is renewable. The built-up copper concentration in the electrolyte may be separated from the electrolyte. Components required for deposition may be replenished according to analysis, consequently disposal of the tin plating solution is not required.

The additives required for electrolyte make-up and operation do not contain any alkylphenol ethoxylates (nonylphenol ethoxylates).

They also meet the requirements of the RoHS Directive (Restriction of certain Hazardous Substances) relating to the limit of lead, mercury, cadmium, Cr(VI), Polybrominated Biphenyls and Polybrominated Diphenyl Ethers.

The information in this data sheet is based on laboratory as well as practical experience. Figures quoted for operating limits and replenishment quantities are for guidance. Actual values necessary will depend on the components being plated (material and geometry), their application and plating plant conditions.

Important:
Please read these instructions carefully and follow recommendations given.
We reserve the right to make technical changes as necessary.
In the interests of safety, please pay attention to the R- and S- phrases on the drum label.
The shelf life of the additives is generally 18 months.
The date of production is taken from the first 3 figures of the batch number.
Figure 1 = year; figures 2-3 = month; figures 4-7 = batch number; (UK labels use a 4 digit year code).
For the storage of chemical products only the TRGS 514 and TRGS 515 Regulations must be followed. The Hazardous Goods Regulation (ADR/GGVS) are only valid for transportation and must not be applied to storage.

Dr.-Ing. Max Schlötter
GmbH & Co. KG
Talgraben 30
D- 73312 Geislingen/Steige

Tel. +49(0)7331-205-0
Fax +49(0)7331-205-123
info@schloetter.de
www.schloetter.com