

# Tin-Silver

## SLOTOLLOY SNA 30

Tin-Silver SLOTOLLOY SNA 30 is a strong acidic electrolyte for the deposition of satin-matt, fine-crystalline tin-silver layers with approx. 3 % by weight silver co-deposition in the alloy. Depending on the metal concentration this process may be applied in reel-to-reel applications at a current density of 10 - 20 A/dm<sup>2</sup> or in rack- and barrel plating lines at a current density of 0.5 - 2.0 A/dm<sup>2</sup>.

The additives are non-foaming and are also suitable for Jet-Plating installations with strong electrolyte agitation.

The layers deposited from this electrolyte meet the requirements of the RoHS Directive 2002/95/EC (Restriction of *the use 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 this instruction carefully prior to the use of the process and carefully follow all the parameters that have a direct influence on the operation. We reserve the right to make technical changes. In the interest of safety, please pay attention to the hazard warnings on the labels of the containers. The minimum shelf life of the products is included on the labels and is also available in the appropriate Quality Assurance (QA03).

The current IMDS number of the layer deposited from the process is available on the internet at [www.schloetter.com/downloads](http://www.schloetter.com/downloads).

For the storage of chemical products the TRGS 510 must be followed.

