

# Matt Tin SLOTTOTIN 40

IMDS ID No. 756885

The Matt Tin SLOTTOTIN 40 solution is a strongly acidic, fluoride-free process for the deposition of silky-matt fine crystalline coatings. Tin is deposited in a grain structure with a grain size of 3 - 8 µm. The coatings are less prone to formation of tin-whiskers, especially in comparison with bright tin coatings which are deposited with a grain size of less than 1 µm.

The deposits give excellent solderability even after heat ageing at 155 °C for 16 hours.

The process has been developed as a lead-free alternative for all types of components. The coating is compatible with lead-free tin-based solder-alloys.

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.

**The additives required for bath make-up and operation meet the requirements of the RoHS Directive (Restriction of certain Hazardous Substances) relating to the limit of lead, mercury, cadmium, chrome(VI), Polybrominated Biphenyls and Polybrominated Diphenyl Ethers.**

## 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 Hazardous Substances Regulation must be followed. The Hazardous Goods Regulation (ADR/GGVS) are only valid for transportation and must not be applied to storage.