

# Matt Tin

## SAT 20-1

IMDS ID No. 756885

Matt Tin SAT 20-1 is a sulphate-free electrolyte depositing fine crystalline coatings. This process shows a good covering and is less sensitive to bleeding of alkali soluble plating resists. Therefore it is ideal as a metal resist in PCB manufacturing.

Anode solubility in systems based on the Acid Concentrate FF is much higher than in sulphuric acid based processes, so the electrolyte is of use when anode passivation occurs in a matt tin sulphate electrolyte.

The Matt Tin SAT 20-1 is easy to operate and to maintain. Only monitoring the concentrations of tin(II) and acid is necessary, additive consumption is mainly due to drag-out.

If Tin Additive SAT 26 is used, the electrolyte is operated with methanol-free additives.

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 Hazardous Substances Regulation must be followed.

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

