

Bright Tin CULMO-1

IMDS ID No. 756885

Bright Tin CULMO-1 is a sulphuric acid based electrolyte which is mainly applied for printed circuit boards manufacturing, electro-technical component finishing - also in barrel application -, and in the field of household accessories as well.

Bright Tin CULMO-1 deposits fully bright tin coatings in an extremely wide range of throwing power. High stability and easy maintenance are the features of this bright tin electrolyte.

Bright tin layers of any thickness are deposited from Bright Tin CULMO-1. Even thin layers are bright, and the brightness still improves with increasing layer thickness due to the good levelling quality. The tin deposits from Bright Tin CULMO-1 are resistant towards fingerprints to a great extent and also solderability is still excellent after prolonged storage periods.

The additives required for bath 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, chrome(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 Hazardous Substances Regulation must be followed.

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