

## Copper Activator S 40

S 40 is an acidic copper activator, free of complexing agents for the removal of copper-tin diffusion layers, like remaining on copper surfaces after stripping of tin or tin-lead using stripper processes like Stripper L 40, L 60, L 80 and L 100. There is a relatively little attack on the copper surface, it ranges within the determined treatment time of 30 - 60 sec. at 1 - 3  $\mu\text{m}$  of copper.

Copper Activator S 40 can also be used as a micro etch in LBA (pattern plating).

Copper Activator S 40 can be applied in immersion- or spray installations. A simple neutralization for disposal is sufficient.

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.

