

# Sealant

## SLOTOFIN GM 2450

The Sealant SLOTOFIN GM 2450 is used for post-treatment of passivated zinc- and zinc alloy surfaces. With this sealant, constant friction coefficients according to DIN EN ISO 16047 between 0.09 and 0.14 are achieved. The friction coefficients stay also constant even after screw connection with multiple tightening independent of the material pairing (e.g. according to MBN 10544) used for the screw connection.

This sealant is a hybrid sealant, which contains organic as well as inorganic components.

Tests show, that the corrosion resistance in the neutral salt spray test (according to DIN EN ISO EN 9227) with zinc- and zinc alloy services can be significantly raised by the application of Sealant SLOTOFIN GM 2450.

Sealant SLOTOFIN GM 2450 can be applied wet-in-wet as well as on pre-dried parts.

It is recommended to seal mass-produced bulk articles in a separate tank outside the plating plant in special coating centrifuge provided for this.

A hot-soak degreaser combined with suitable degreasing additives can remove sealant residues from racks or centrifuge baskets. Therefore, we recommend the products of our SLOTOCLEAN series.

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 instructions 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.

**If the additives used in this process contain a SVHC-substance, then this will be specified in the corresponding Material Safety Data Sheet, section 15.**

