

SOLDERING LIQUID (LÖTWASSER) 41

Zinc chloride-free flux

DESCRIPTION

Highly halide activated low solid flux, water-based to DIN EN 29454-1 type 3.1.1 A (DIN 8511 F-SW12). For easy soldering of metal ware, in engineering, in electrical technic.

Stannol Lötwasser 41 is a highly halide activated low solid flux, water-based for soldering and tinning of poor solderable metal surfaces. Excellent wetting is achieved on following metals:

- **Copper, Brass, Bronze, Copper-Beryllium**
- **Nickel and Nickel alloys**
- **Iron and steel, except stainless steel**
- **Zinc**

All solid activators are water soluble and residues can be removed by water rinsing. At high temperatures most of the activators evaporate, therefore corrosion potential is low. If there is a no clean process, a corrosion test is required.

Stannol Lötwasser 41 is free of zinc chloride, which is dangerous for environment. All ingredients are biodegradable.

APPLICATION

Many application methods are possible: brush, drop, dispenser and dipping application. For heating of the solder joint area, an iron, hot-plate, infrared and even a flame can be used. The flux is not flammable. Stannol Lötwasser 41 can be modified by thinning with water or alcohol.

PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	SOLDERING LIQUID (LÖTWASSER) 41
Colour:	colourless
Density at (20°C):	1.05 g/ml
Solid content:	non flammable
Acid rating:	n.a.
Halide content:	2.8

SHELF LIFE

2 years after date of delivery (provided proper storage in originally sealed container).

HEALTH AND SAFETY

Before using please read the material safety data sheet carefully and observe the safety precautions described.

NOTICE

The above values are typical and represent no form of specification. The Data Sheet serves for information purposes. Any verbal or written advise is not binding for the company, whether such information originates from the company offices or from a sales representative. This is also in respect of any protection rights of third parties, and does not release the customer from the responsibility of verifying the products of the company for suitability of use for the intended process or purpose. Should any liability on the part of the company arise, the company will only indemnify for loss or damage to the same extent as for defects in quality.