



## LIQUID FLUX EF250

No-clean flux

### DESCRIPTION

No-clean flux classified as type 2.2.3.A according to DIN EN 29454-1, type ORLO according to EN 61190-1-1 and type ORLO according to J-STD -004.

Stannol EasyFlux 250 was developed for wave soldering of electronic assemblies and to complement the Stannol EasyFlux series. The reduced solid content in combination with especially aligned halide free activators provides an excellent wetting on different surfaces (such as OSP, Ni/Au, HAL) also with lead-free solder alloys. This flux can also be used for other soldering methods such as selective or dip soldering.

### CHARACTERISTICS

Stannol EF250 offers the following advantages:

- No-Clean
- Low residues
- Resin-free
- Optimised solid content - fast wetting

### APPLICATION

Stannol EasyFlux 250 can be used in spray flux systems. The preheat temperature should be at least 90°C measured on the surface of the circuit board when entering the solder wave. This temperature ensures the evaporation of the solvent and a sufficient activation of the flux. For lead-free soldering the optimal preheating temperature may need to be determined on the basis of the thermal requirements. In selective soldering, the sprayed area should be preheated.

Evaporation of solvent can change the composition. Evaporation causes an increase of the solid content, and therefore the density increases. This can be inspected with the Stannol Mini-Titration-Kit.

### PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	LIQUID FLUX EF250
Colour:	colourless
Density at (20°C):	0.809 g/cm <sup>3</sup>
Flash point (closed crucible):	12°C
Ignition temperature:	425°C
Solid content:	2.5%
Acid value:	21.0 mg KOH/g
Halide content:	none
Thinner	Stannol VD-500

## **SHELF LIFE**

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

## **HEALTH AND SAFETY**

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

## **NOTICE**

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