



## LIQUID FLUX 330

No-clean flux

### DESCRIPTION

No-clean flux classified as type 2.2.3.A according to DIN-EN 29454-1, type ORL0 according to EN 61190-1-1 and type ORL0 according to J-STD-004.

Stannol EasyFlux 330 is halide free activated. The new formula of the activators guarantees an optimum wetting of the different surfaces (such as OSP, Ni/Au, HAL) used in PCB manufacturing and so avoids problems when new printed circuit boards with alternative surfaces are introduced. Also the soldering with lead-free alloys show perfect wetting results. Best results were achieved when using Stannol Ecology and Flowtin TSC (Tin/Silver/Copper), TS (Tin/Silver) and TC (Tin/Copper) alloys.

### CHARACTERISTICS

Stannol EasyFlux 330 offers the following advantages:

- Multi-purpose application, low residues
- Moderate solid content – fast wetting
- No-clean application, electrically safe
- Resin-free
- Perfect wetting results with lead-free alloys

### APPLICATION

The Stannol EasyFlux 330 has been developed for application with spray fluxers, but foam fluxers can also be used. 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.

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

### PHYSICAL PROPERTIES AND DATA

GENERAL PROPERTIES	EasyFlux 330
Colour:	colourless
Density at (20°C):	0,811 g/cm <sup>3</sup>
Flash point (closed crucible):	12°C
Ignition temperature:	425°C
Solid content:	3,3%
Acid rating:	26,5 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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