

# EO-B-023A

Cat.-No. 6142

MULTI-FLUX Special Flux for wave-, selective-, hand-soldering

WEEE/RoHS-compliant DIN EN-61190-1-1 (acc. J-STD-004) / IEC: RELO

ISO-9454: 1231 (1.2.3.A) NO CLEAN

**EO-B-023A** is an universally suitable for wave-, selective- and handsoldering of PCBs and complies with specification DIN-EN 61190-1-1: L0 ("NO CLEAN"). Accordingly, it contains organic, halogen-free activating additives with resin in a combination specially tuned to the thermal requirements of the soldering processes. EO-B-023A can be applied by brushing, spraying, dipping etc.. The solids content is 2% by weight. EO-B-023A is totally free from corrosion action.

Additional information on the ingredients (hazardous substances), safe handling, storage, transport and disposal can be found in the current safety data sheet (SDS, SDS, MSDS).

This flux is very versatile. There are good results for manual, wave and selective soldering, as well as for cable assembly / wire tinning. The general rule of applying fluxes applied in principle as low as possible also applies to this product.

## Instructions for use:

**Sprayfluxing:** If possible, try at first a quantity of 30 – 40 ml/min. and observe the distribution of the flux. After that, correct the quantity. Air-pressure: 18 – 20 l/min.

**Preheating:** Entering the solder-wave, the temperature on the topside of the pasteboards should be 80 – 110 °C, dependent on type of boards, lay-out etc. – in case of using lead-free solders, preheating temperatures of 100 – 130 °C on the topsides are possible.



## Technical Data

Appearance/smell	transparent, yellowish liquid
Solids content	1,9 – 2,1 Gew.-%
Density at 20 °C	0.793 (+/- 0.003) g/ml
Acid number	5 - 7 mg KOH/g
Activators	Resin-carboxylic and dicarboxylic acidscomplex
Solvents	short chain alcohols
Flash point	12
Durability	12 months
Storage (recommendation):	Store at 5-25 ° C, dry, sealed

## Application area

Wave-, selective- and manual soldering processes, as well as cable assembly

## Packaging units

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Canister / 5l and 20l | <input type="checkbox"/> Metering bottle / ml | <input type="checkbox"/> Spray bottle / ml |
| <input type="checkbox"/> Granulate / Size                 | <input type="checkbox"/> Metering pen / ml    | <input type="checkbox"/> Injection / ml    |

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