



Electronic

## FLUX “EO-B-024B”

**Cat.-no. 6148**

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

WEEE/RoHS-compliant

ISO-9454: 2231

DIN EN 61190-1-1 (acc. J-STD004) L0 / IPC: ORL0 „NO CLEAN“



**MULTI-FLUX EO-B-024B** is an universally suitable for wave-, selective- and hand-soldering 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-024B** can be applied by brushing, spraying, dipping etc.. The solids content is 3,2% by weight.

**EO-B-024B** is totally free from corrosion action.

### Technical specifications

|                                   |                                                                                                               |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------|
| Appearance:                       | Colourless-light yellowish, transparent, liquid                                                               |
| Solid contents:                   | 3,1 – 3,4 %                                                                                                   |
| Density (20° C):                  | 0.796 (+/- 0,003) g/ml                                                                                        |
| Acid-no.:                         | 18 - 23 mg KOH/g                                                                                              |
| Activators:                       | Carboxylic and dicarboxylic acids – “resin-complex”                                                           |
| Halogen-content:                  | 0 % (halide free)                                                                                             |
| Solvents:                         | Short chain alcohols                                                                                          |
| VOC:                              | 97%                                                                                                           |
| Flashpoint:                       | 12 °C                                                                                                         |
| Shelf life:                       | 12 months                                                                                                     |
| Storage conditions (recommended): | Store in a cool and dry place (5°C – 25°C), fire protection u.<br>Ex-protective regulations must be observed. |
| Working temperature:              | At room temperature (usually 20-25 ° C)                                                                       |

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).

### Instructions for use:

This flux is very versatile and OPS-compatible. 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.

### **Recommendation from practice:**

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

**Preheating:**

*(If preheating system is used)*

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.

**Packing units:** Jerrycans with 5 and 20 litres, other packing sizes on request

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The above described attributes are average values. They are meant solely for your information and are no specifications as such. These instructions of use are without obligation and do not exempt our customers from their own trials of suitability for their own purposes.