

SOLAR-FLUX**EO-S-022/FD** (with “Fast Drying – System”)

Cat.-no. 6251

Flux especially for the solar industry -halide free- / FAST DRYING

ISO-9454: 2131 / WEEE /RoHS-compliant
DIN-EN 61190-1-1 (J-STD-004), IEC: ORL0 „NO CLEAN“

This flux has been specially developed for solar technology, in particular for soldering solar modules, tabber and stringer material, as well as connecting cells. **EO-S-022/FD** is a NO-CLEAN flux, halide-free formulated and optimized for use in wave, selective and manual soldering processes with a very fast drying property.

EO-S-022/FD leaves no sticky residue. The activators are specially designed for the higher temperatures that are required in the manufacture of solar modules, without affecting their effectiveness. The application can be carried out by any usual application method (except foams). The solids content is 2%.

EO-S-022/FD is totally free from corrosion action.

Technical specifications

Appearance:	Colourless, transparent, liquid
Solid contents:	1,9 - 2,2 %
Density (20° C):	0.78 – 0,79 g/ml
Acid-no.:	17 - 20 mg KOH/g
Activators:	carboxylic and dicarboxylic acids – complex
Halide-content:	0 % (halide free)
Solvents:	Alcohol ether complex
VOC:	98%
Flashpoint:	-1 °C (c.c.)
Shelf life:	12 months

Safety instructions: Please refer to the current 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 30 – 50 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 – 140 °C on the topsides are possible.

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

EMIL OTTO
Flux- und Oberflächentechnik GmbH
D-65346 Eltville – Eltviller Landstr. 22
Tel.: +49 (0)6123 / 70 46 0 – Fax: +49 (0)6123 / 70 46 15



Die in unseren Beschreibungen genannten Daten sind typische Werte. Sie dienen zu Ihrer Information, stellen aber keine Spezifikationen oder Zusicherungen von Eigenschaften im Sinne von Haftungs- und Gewährleistungsansprüchen dar. Gleiches gilt für die anwendungstechnischen Hinweise, diese sind unverbindlich und befreien unsere Kunden nicht von einer eigenen Prüfung unserer Produkte auf deren Eignung für die beabsichtigten Verfahren oder Zwecke.