

Emil Otto expands portfolio of concentrates with multifunctional liquid concentrate

The product category flux concentrates of the German flux manufacturer Emil Otto now includes 17 granulate products. For the first time, Emil Otto now presents a liquid concentrate that can be mixed with water or alcohol and can be used for the tinning process in the electronics industry and mechanical engineering.

"The sales numbers of the flux concentrates have developed quite well. We have therefore decided to further expand the segment," explains Markus Geßner, marketing and sales manager at Emil Otto GmbH. Since conventional alcohol- or partially alcohol-based fluxes are hazardous goods in the sense of transport regulations, requirements have to be met making the product even more expensive, especially due to the more complex nature of transportation. Shipment by air freight is also not an option, as the fluxes may only be packed in small containers in these cases. This restricts large quantity purchases. In order to circumvent these problems, Emil Otto has been developing flux concentrates based on granules for some time. By optimising transportation, the flux concentrates can be shipped economically over long distances, as freight companies charge much lower costs for non-dangerous goods. Mixing the flux on site is very easy. Each product is accompanied by the necessary information as to which liquid in which quantity must be added to the concentrate.

Pictures:



EO-MC-001

This is also the case with the new liquid flux EO-MC-001, which was specially developed for the tinning process and can be used in electronics production as well as in strip tinning and cooler construction. "The concentrate can be mixed with alcohol or water, depending on what the user needs and what he will use it for. For the electronics industry the concentrate is mixed with alcohol to achieve, among other things, rapid evaporation. For strip tinning and cooler construction, water is added to the concentrate," continues Geßner. For the latter applications the degree of dilution depends on the process. The final

quantity which the user receives after mixing the concentrate also depends on this. In combination with the high-performance additives, the flux ensures very good wetting and allows a very wide effective temperature range of approx. 130 - 300°C.

About Emil Otto

Since 1901 "Emil Otto" stands for top quality. As owner-managed company, Emil Otto is committed to the development and manufacturing of high-quality fluxing agents. In particular the fluxing agents for electronics production, strip tinning, cooler construction as well as for galvanizing are used by market leaders at home and abroad.

Over the years, reliable products and a high level of customer care have become the signature. The manufacturing takes place in accordance with the latest standards, the quality- and environmental management system has been certified for many years. Emil Otto responds with high flexibility to customer requests. Special products or product adaptations are developed and implemented in collaboration with system manufacturers and institutes. More information: www.emilotto.de

Deeplinks:

<https://emilotto.de/produkt/gsp-25-af-ovap-2/?lang=en>

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