TECHNICAL DATA SHEET
TACKY FLUX BTFO-81-2H

ROM1 Tacky Flux (WEE/RoHS conformant)
Type 1.2.2.3 acc. UNE-EN ISO 9454:2016 **//** ROM1 acc. DIN EN 61190-1-1

TECHNICAL DATA	
Flux type	Medium activity no-clean tacky flux (ROM1)
Appearance	Clear yellow gel
Odor	Mild odor
Density at 20ºC (gcm^{-3})	0.9-1.0
Activators/resin	Modified rosins, mixed carboxylic acids
Durability	12 months
Packaging	10 mL syringe

GENERAL INFORMATION:

The **BTFO-81-2H** is a medium activity, halide-containing, tacky flux, specially formulated for situations where a more active flux is needed to clean the surface. It is developed for repair soldering and reflow applications and is suitable for dip tinning as well as other special applications. **BTFO-81-2H** is characterized by an excellent wetting and spreading properties on most board finishes. Application takes place via a dosing syringe with a metallic tip. This enables an accurate dosing and positioning of the flux. The processing of the soldering tacky flux can be done with the aid of hot air or soldering irons.

BTFO-81-2H post-process residues can be left on the board. For applications requiring cleaning, **BTFO-81-2H** residues can be cleaned using commercially available flux residue removers.

CUSTOMER ADDED VALUE:

- Excellent soldering properties (capillarity, wetting).
- Broad process window.
- Exact dosage.
- VOC-free.
- Clear, no-clean post-process residue.

Last revision: 13/01/2020

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STENCIL CLEANING
Automated stencil cleaning systems for both stencil and misprinted boards. Manual cleaning using isopropanol.

STORAGE AND HANDLING
- Protect from sunlight.
- Keep container tightly closed.
- Do not handle until all safety precautions have been read and understood.
- Minimum storage temperature: 5ºC, do not freeze.
- Maximum storage temperature: 25º.
- Allow the flux to reach ambient temperature before use.

ADDITIONAL RECOMMENDATIONS
Dosing needles need care, in particular with longer operating interrupts. The gels could dry, and the needles start blocking. This can be avoided if the needle is removed and rinsed with isopropanol or a cleaning gel. This will not affect the soldering results since the remainders of the cleaning gel/isopropanol will evaporate during the soldering process with the solvent system of the flux gel.

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