



Multicore[®] Flux/Cleaner Pens

August 2007

CONTROLLED RELEASE PEN APPLICATORS

- Ideal for touch-up, repair and/or light assembly of TAB, surface mount and high density boards as well as ceramic substrates
- Controlled pin-point release
- Pen applicators for fluxing and cleaning
- User-friendly
- Safe, quick and cost-effective
- Simple, efficient, easy-to-use for difficult to reach areas
- Replaceable tips

APPLICATION

A new user-friendly method for pin-point application of flux or cleaning solvent on restricted or difficult to reach areas. Ideal for touch up, repair and light assembly of TAB, surface mount and high density boards.

Multicore Pen Applicators are safe, quick, easy-to-use and cost-effective.

INSTRUCTIONS

Multicore Pen Applicators are designed with a stainless steel spring-loaded applicator head that delivers a controlled amount of liquid to the work surface. To apply, gently depress the chiselled tip against the work surface to start the flow to the applicator head. The precision dispensing mechanism eliminates dripping, pooling and wastage or running on vertical and inclined surfaces.

Excessive use on rough surfaces will accelerate wear of applicator tip.

Replacement tips may be ordered separately. To replace a tip, pull out the old tip and insert a new one.

SPECIAL PROPERTIES

Reference	Product	Description	Usage
Mini Fluxer MF-X3210i	No Clean X32-10i	Halide free, low solids high SIR and passes MIL-P-28809A without cleaning. For fast spot soldering on boards, reducing bridging.	High reliability boards, moderately aged bare or passivated copper finishes.
Mini Fluxer MF-X33S07i	No Clean X33S-07i	Resin and halide free, low solids and contains copper corrosion inhibitors. Leaves least residue.	Promotes through-hole filling on bare, passivated and lacquered copper finishes.
Mini Cleaner MC-PV-01	Cleaner MCF800	Non-CFC and biodegradable. Soluble in water and alcohols.	General cleaner for removal of flux residues, greases and oils from electronic circuitry. Excellent for all organics, also for cleaning solder paste from difficult corners on stencils and screens.

PACKAGING

Each pen contains 10ml of liquid.

Pens can be customised with other dispensable materials, on special order.

SHELF LIFE

Unopened, one year.

GENERAL INFORMATION

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

Note

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Henkel Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Henkel Corporation's products. Henkel Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Henkel Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

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