

## CircuitWorks® Lead-Free Flux Dispensing Pens

**Product# CW8400**

### Product Description

CircuitWorks Lead-Free Flux Dispensing Pen is designed specifically for lead-free soldering. The convenient pen applies flux where it's needed with precision control. The Lead-Free Flux Dispensing Pen quickly applies a noncorrosive, halide-free, No Clean flux which meets Bellcore TR-NWT-000078 and passes IPC SF-818 for surface insulation resistance. Instant wetting action provides thorough deoxidation of metallic surfaces providing the best possible surfaces for lead-free soldering.

- Pen dispenser provides controlled and exact application
- Minimizes excess flux on the board
- Completely portable package
- Flux is noncorrosive and halide-free
- Can be used for soldering with lead-free or tin/lead solders
- Excellent material compatibility
- Fast drying
- RoHS compliant

### Typical Applications

CircuitWorks Lead-Free Flux Dispensing Pen precisely dispenses flux on:

- Printed Circuit Boards
- Chip Carriers
- Surface Mount Device Pads
- Switches and Sockets



### Typical Product Data and Physical Properties

<b>Flux Type:</b>	No clean flux ANSI/IPC J-STD-004, Type ROL0
<b>Flash Point (TCC):</b>	63 °F (17 °C)
<b>Vapor Density:</b> (air=1)	>1
<b>Appearance:</b>	Clear liquid
<b>Odor:</b>	Alcohol
<b>Shelflife</b>	2 years
<b>RoHS Compliant</b>	Yes



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### Compatibility

CircuitWorks Lead-Free Flux Dispensing Pen is generally compatible with most materials used in the electronics industry. As with any cleaning agent, material compatibility should be determined on a non-critical area prior to use.

### Usage Instructions

**For industrial use only. Read SDS carefully prior to use.**

Hold pen vertically and briefly depress tip to start liquid flow. Rub pen tip on surface to be fluxed. After soldering, wipe area around soldered joint using a ControlWipe to remove unreacted flux.

No Clean flux residues are designed to be left on the board, however, they can be easily removed with Chemtronics Flux-Off Lead-Free Flux Remover or CircuitWorks Lead-Free Flux Remover Pen (CW9400).

### Availability

**CW8400** 9.0g / 0.32 oz. Pen

### Technical and Application Assistance

Chemtronics provides a technical hotline to answer your technical and application related questions.

*The toll free number is: 1-800-TECH-401.*

### Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. CHEMTRONICS does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

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