CHEMTRONICS
Technical Data Sheet

CircuitWorks® Flux Dispensing Pens

PRODUCT DESCRIPTION

CircuitWorks® Flux Dispensing Pens are designed specifically to apply each type of flux with precision control. The Rosin Flux Dispensing Pen quickly applies a noncorrosive type R flux. This flux meets MIL-F-14256 E and F. The No Clean Flux Dispensing Pen precisely applies a patented noncorrosive, halide free, organic low solid no clean flux. This flux meets Bellcore TR-NWT-000078 and IPC SF-818 for surface insulation resistance.

- Marker pen dispenser provides controlled and exact application
- Minimize excess flux waste
- Completely portable package
- All fluxes are noncorrosive and halide free
- Excellent material compatibility
- Fast drying

TYPICAL APPLICATIONS

CircuitWorks® Flux Dispensing Pens precisely dispense flux on:
- Printed Circuit Boards
- Chip Carriers
- Heat Sinks
- Surface Mount Device Pads
- Switches
- Sockets

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

Rosin Flux Dispensing Pen	
Flux Type	Rosin, Grade WW ANSI/IPC J-STD-004, Type ROL0
Flash Point (TCC)	54 °F (12 °C)
Vapor Density (air=1)	> 1
Appearance	Yellow Liquid
Odor	Alcohol

No Clean Flux Dispensing Pen	
Flux Type	Rosin, Grade WW ANSI/IPC J-STD-004, Type ROL0
Flash Point (TCC)	54 °F (12 °C)
Vapor Density (air=1)	> 1
Appearance	Slightly Yellow Liquid
Odor	Alcohol

Shelf life	5 years
RoHS Compliant	

COMPATIBILITY

CircuitWorks® Flux Dispensing Pens are 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 MSDS carefully prior to use.
Hold pen vertically and briefly depress tip to start liquid flow. Rub pen tip on surface to be fluxed. Wipe tip on a ControlWipe™ dry wipe to remove buildup. Flux can be removed with Flux-Off® Rosin, or No Clean Plus.

CAUTION: Product is Flammable - Do not use near sources of ignition and energized equipment.

AVAILABILITY

CW8100   9 gm (0.32 oz) No Clean Flux Pen
CW8200   9 gm (0.32 oz) Rosin Flux Pen

TECHNICAL & APPLICATION ASSISTANCE

Chemtronics provides a technical hotline to answer your technical and application related questions. The toll free number is: **1-800-TECH-401.**

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DISTRIBUTED BY:

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.