

CHEMTRONICS®

Technical Data Sheet

TDS # CW8000

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 |
| 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 |
| Flash Point (TCC) | 54 °F (12 °C) |
| Vapor Density (air=1) | > 1 |
| Appearance | Slightly Yellow Liquid |
| Odor | Alcohol |
| Shelflife | 5 years |

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.

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**.

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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