CHEMTRONICS®
Technical Data Sheet

TDS #CW8700

CircuitWorks® Lead Free Tacky Flux

PRODUCT DESCRIPTION

CircuitWorks® Lead Free Tacky Flux is a Type ROL0 formulation engineered specifically for the higher temperatures required by lead free soldering of BGA rework that require high-reliability, stability and cleanliness. CircuitWorks® Lead Free Tacky Flux gel composition holds the BGA component in position even with board movement. Its lower viscosity allows easy application and contains no ionic material. CircuitWorks® Lead Free Tacky Flux is suitable for clean room applications.

- Excellent wetting ability
- Formulated for high temperature
- Long tack time
- Noncorrosive, halide and halogen free
- Meets IPC requirements for ROL0, No Clean
- Excellent consistency
- Stable viscosity
- Conforms to ISO 9454
- Meets Bellcore TR-NWT-000078 requirements
- Meets DIN EN 29454-1 1.1.3.C classification

TYPICAL APPLICATIONS

CircuitWorks® Lead Free Tacky Flux may be used for electronics applications including:

- BGA rework and repair
- Sphere attachment to BGA
- Surface Mount Device Pads
- Switches
- Sockets

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

Properties	
Flux Type	No-Clean ROL0
Flash Point (TCC)	>140°C (284°F)
Appearance	Slight Yellow
Odor	Slight
Shelflife	2 years
RoHS Compliant	RoHS WEEE Compliant

COMPATIBILITY

CircuitWorks® Lead Free Tacky Flux 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 MSDS carefully prior to use.

Flux Application: CircuitWorks® Lead Free Tacky Flux should only be applied to BGA rework areas on the circuit board, and not the entire board. Remove cap from syringe and gently depress the plunger. Spread the material over the BGA application area. Use a Control Wipe™ dry wipe to remove flux buildup from applicator tip.

Cleaning: Lead Free Tacky Flux residue does not need to be removed after reflow, but can be removed if required. Chemtronics Flux-Off® No Clean Plus is an ideal cleaner for effective flux removal.

TECHNICAL & APPLICATION ASSISTANCE

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

AVAILABILITY

CW8700 3.5 gm (0.12 oz) Syringe

ODP	None	VOC	No
HCFC	None	HFC	None

Ozone depletion potential (ODP) is determined in accordance with the Montreal Protocol and U.S. Clean Air Act of 1990. Hydrochlorofluorocarbons (HCFCs) are regulated under the Montreal Protocol as Class II ozone depleting substances. Volatile Organic Compound (VOC) information is calculated on a weight basis using the VOC definition of California Air Resources Board (CARB) Consumer Product Regulations, South Coast Air Quality Management District (SCAQMD) Rule 102 and the Federal definition published in 40 CFR 51.100(s). Hydrofluorocarbons (HFCs) are not currently regulated.

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.
ITW 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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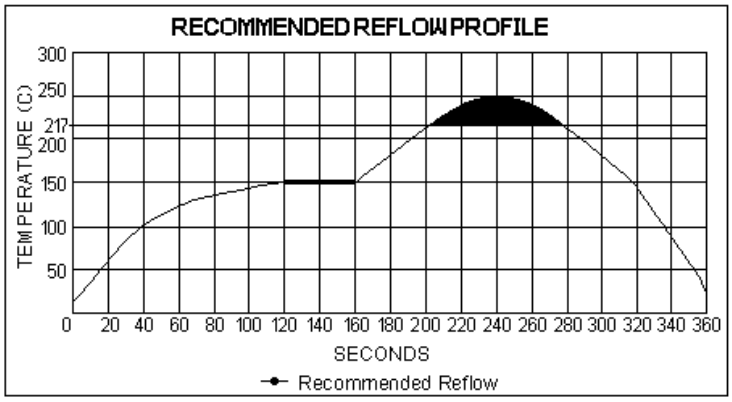

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