

# CHEMTRONICS®

## Technical Data Sheet

**TDS830BI**

勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-34970699  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

### Flux-Off® II

#### PRODUCT DESCRIPTION

Flux-Off® II is a proprietary blend of powerful cleaning solvents designed to replace TMS based solvents. This defluxing agent removes R, RMA, RA, and synthetic flux residues, as well as ionic and non-ionic soils.

- Removes R, RMA, RA, and synthetic flux residues
- Penetrates hard to reach areas
- Evaporates quickly
- Leaves no residues
- Removes light oil, and grease residues
- Removes ionic and non-ionic residues
- Excellent material compatibility
- Non-corrosive formulation
- Contains no CFCs or HCFCs
- Contains no 1,1,1 Trichloroethane

#### TYPICAL APPLICATIONS

Flux-Off® II removes flux residues and cleans:

- Chip Carriers
- Heat Sinks
- Plugs
- Printed Circuit Boards
- Relays
- Sockets
- Surface Mount Device Pads
- Switches

#### TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

Boiling Point	82°C Initial
Vapor Density (air = 1)	>1
Solubility in Water	Soluble
Specific Gravity (water = 1@25°C)	0.79
Evaporation Rate (butyl acetate=1)	>1
Appearance	Clear, Colorless Liquid
Odor	Ethereal
Surface Tension (dynes/cm @ 21.6°C)	21.1
Flash Point (TCC) Flammable	21.0°C
Kauri-Butanol (KB) Number	80

#### COMPATIBILITY

Flux-Off® II is generally compatible with most materials used in the electronics industry. With any cleaning agent compatibility solvent/component must be determined on a non-critical area prior to use.

<b>Material.....</b>	<b>Compatibility</b>
ABS	Good
Ac-N	Good
EPDM	Good
Graphite	Excellent
HDPE	Excellent
LDPE	Excellent
Lexan™	Good
Neoprene	Good
Noryl®	Excellent
Nylon™ 66	Excellent
Cross-Linked PE	Excellent
Polypropylene	Excellent
Polystyrene	Good
PVC	Excellent
Silicone Rubber	Good
Teflon™	Excellent
Viton™	Excellent

## TECHNICAL & APPLICATION ASSISTANCE

Rocol provides assistance to answer your technical and application related questions. The number is:  
**0113-2322625**

## ENVIRONMENTAL IMPACT DATA

<b>ENVIRONMENTAL IMPACT DATA</b>			
CFC	0.0%	VOC	100.0%
HCFC	0.0%	HFC	0.0%
Cl. Solv.	0.0%	ODP	0.0

CFC, HCFC, CL. SOLV., VOC, and HFC numbers shown are the content by weight. Ozone depletion potential (ODP) is determined in accordance with the Montreal Protocol and U.S. Clean Air Act of 1990. The ODP of this product is 0.0. It is the sum of the ODP of the substances that may contribute to the depletion of stratospheric ozone, based upon the weight of each substance in the product's formulation.

**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.

**MANUFACTURED BY:**  
CHEMTRONICS INC.  
8125 COBB CENTER DRIVE  
KENNESAW, GA 30152 USA

<b>Performance</b>	
Product Required for Rosin Removal (mg solvent / 1 mg rosin flux)	
Flux-Off II	<b>71.0</b>
Conventional TF Solvent Blends	<b>277.0</b>
Rosin Removal Rate (mg / in <sup>2</sup> sec.)	
Flux-Off II	<b>3.69</b>
Conventional TF Solvent Blends	<b>1.23</b>

**USAGE INSTRUCTIONS**  
For industrial use only.  
Read MSDS carefully prior to use.  
Spray 4-6 inches from surface to clean.  
Wash parts from top to bottom, allowing the liquid to flush away dirt and dissolved grease. For precise application use attached extension tube. Product is Extremely Flammable - Do not use near sources of ignition and energized equipment.

**AVAILABILITY**  
ES830BI 200 mL BrushClean System

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**FOR MORE INFORMATION CALL 0113-2322625**