

CHEMTRONICS®

Technical Data Sheet

TDS # 1035

Flux-Off® Rosin

PRODUCT DESCRIPTION

Flux-Off® Rosin is a fast drying aerosol that quickly and completely removes R, RMA, RA, and synthetic flux residue. With its low surface tension and superior wetting properties, Flux-Off® Rosin removes harmful residues in tight tolerance areas.

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

TYPICAL APPLICATIONS

Flux-Off® Rosin 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	141°F Initial
Vapor Density (air=1)	>1
Solubility in Water	20%
Specific Gravity (water = 1 @ 77°F)	0.70
Evaporation Rate (butyl acetate=1)	>1
Appearance	Clear, Colorless Liquid
Odor	Ethereal
Surface Tension (dynes/cm @ 21.6°C)	17.3
Flash Point (TCC)	-20.0°F
Kauri-Butanol (KB) Number	50
Shelflife	Aerosols 5 years Liquids 2 years after opening

COMPATIBILITY

Flux-Off® Rosin 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.

<u>Material</u>	<u>Compatibility</u>
ABS	Good
Buna-N	Good
EPDM	Poor
Graphite	Excellent
HDPE	Excellent
Kynar™	Fair
LDPE	Fair
Lexan™	Fair
Neoprene	Non-Compatible
Noryl®	Good
Nylon™ 66	Excellent
Cross-Linked PE	Excellent
Polypropylene	Good
Polystyrene	Non-Compatible
PVC	Good
Silicone Rubber	Non-Compatible
Teflon™	Excellent
Viton™	Excellent

Performance	
Product Required for Rosin Removal (mg solvent/ 1 mg rosin flux)	
Flux-Off Rosin	101
Conventional Flux Remover	3673
Rosin Remval Rate (mg / in² sec.)	
Flux-Off Rosin	4.0
Conventional Flux Remover	0.3

USAGE INSTRUCTIONS

For industrial use only.

Read MSDS carefully prior to use.

Spray 4-6" 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

ES1035	10.0 oz. Aerosol	ES135	1 Gal. Liquid
ES535	5 Gal. Liquid	ES5535	55 Gal. Liquid.
ES835B	5.0 oz. Brush Clean System		
ES1035B	10.0 oz. Brush Clean System		

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.

ENVIRONMENTAL IMPACT DATA

ENVIRONMENTAL IMPACT DATA			
CFC	0.0%	VOC	95.7%
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:

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