

Flux-Off® CZ Flux Remover

Product# ES7200, ES7208B

Product Description

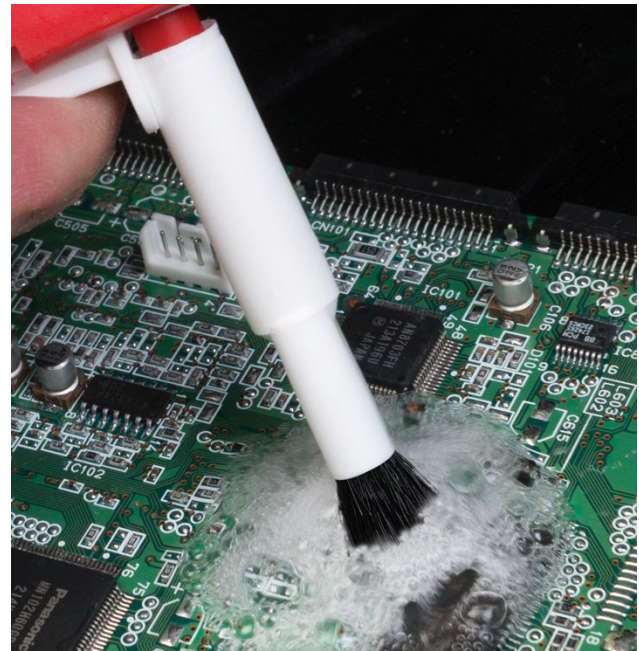
Flux-Off CZ Flux Remover is a highly effective cleaner for removing rosin-based fluxes from electronic components and assemblies. This nonflammable, non-ozone depleting aerosol quickly removes flux without harming sensitive materials.

- Quickly removes all rosin-based flux residues
- Excellent material compatibility
- Evaporates quickly
- Leaves no residues
- Has low odor
- Penetrates tight tolerance areas
- Also removes oil, grease, and ionic residues
- Contains no CFCs, HCFCs or 1,1,1 Trichloroethane

Typical Applications

Flux-Off CZ Flux Remover eliminates flux residues and cleans:

- Through-hole Circuit Boards
- Surface Mount Pads
- Chip Carriers
- Ball Grid Arrays
- Switches
- SMT Components
- Metal or Plastic Housings



Typical Product Data and Physical Properties

Boiling Point:	90°F / 32°C (Initial)	
Solubility in Water:	Negligible	
Specific Gravity: (water =1@77°F)	1.50	
Surface Tension: (dynes/cm @ 25°C)	12.2	
Flash Point (TCC):	None to boiling	
Evaporation Rate: (butyl acetate =1)	>1	
Appearance	Clear, colorless liquid	
Odor	Ethereal	
Dielectric Breakdown (ASTM D-877)	7 kV	
Kauri-Butanol (KB) Number	36	
Shelflife	Aerosols	5 years
	Liquids	2 years after opening
RoHS Compliant	Yes	

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Compatibility

Flux-Off CZ Flux Remover 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.

Material	Compatibility
ABS	Excellent
Buna-N	Excellent
EPDM	Excellent
Graphite	Excellent
HDPE	Excellent
Kynar	Excellent
LDPE	Excellent
Lexan	Good
Neoprene	Excellent
Noryl	Excellent
Nylon 66	Excellent
Cross-Linked PE	Excellent
Polypropylene	Excellent
Polystyrene	Good
PVC	Excellent
Silicone Rubber	Excellent
Teflon	Excellent
Viton	Excellent

Competitive Assessment

Milligrams of Flux Removed Per Gram of Solvent

Flux-Off CZ	3.8
CFC-113 (TF)	1.1
HCFC-225	2.6

Usage Instructions

For industrial use only. Read SDS carefully prior to use.

Spray 4-6 inches from surface to clean. Wash parts from top to bottom, allowing the liquid to flush away flux residues, dirt and dissolved oil. For precise application use attached extension tube.

Availability

ES7200	12 oz. / 340 g Aerosol
ES7208B	5 oz. / 141 g BrushClean System

Call-Outs / Specifications

- NSN# 6850-01-436-4578 (ES7200)
- Boeing 737-600/700/800/900 (ES7200, Boeing #G51027) Aircraft Maintenance Manual CFM56 Engines (CFM56-7)
 - Ignition Exciter – Inspection Check Task 74-11-01-200-801-F00 Subtask 74-11-01-210-006-F00
 - Main Igniter Plug Installation Task 74-21-02-400-801-F00 Subtask 74-21-02-210-007-F00

Technical and 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.