

CHEMTRONICS®

Technical Data Sheet

TDS # 6200

Flux-Off® VZ Flux Remover

PRODUCT DESCRIPTION

Flux-Off® VZ Flux Remover is a highly effective cleaner for removing rosin-based fluxes from electronic components and assemblies. The non-ozone depleting Verizane™ solvent system utilizes Vertrel® Specialty Fluid from Dupont™ to 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® VZ 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	95°F
Specific Gravity (water = 1@ 77°F)	1.24
Flash Point (TCC)	None
Evaporation Rate (Butyl acetate=1)	>1
Kauri-Butanol (KB) Number	32
Appearance	Clear, colorless liquid
Odor	Ethereal Odor
Surface Tension (dynes/cm @ 25°C)	14.0
Solubility in Water	Negligible
VOC* Content (aerosol):	
CARB	50 %
SCAQMD	444 g/L
Federal	25 %
RoHS Compliant	
Shelflife	5 years

*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).

COMPATIBILITY

Flux-Off® VZ 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.

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

ENVIRONMENTAL IMPACT DATA			
HCFC-141b	None	HFC	Yes
HCFC-225	None	nPB	None

Hydrochlorofluorocarbons (HCFCs) are regulated under the Montreal Protocol as Class II ozone depleting substances. HCFC-141b is no longer produced in the US under this legislation. HCFC-225 is planned for production phase-out in 2015. Hydrofluorocarbons (HFCs) are not currently regulated. EPA has listed n-propyl bromide (nPB) as an acceptable alternative to ozone depleting substances in metal, precision, and electronics cleaning under Section 612 of the Clean Air Act.

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.

TECHNICAL & APPLICATION ASSISTANCE

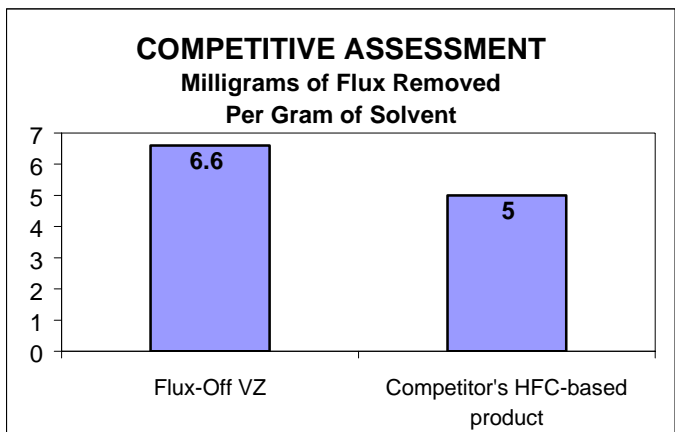
ITW Chemtronics® provides a technical hotline to answer your technical and application related questions. The toll free number is: **1-800-TECH-401.**

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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 flux residues, dirt and dissolved oil. For precision application use attached extension tube.

AVAILABILITY

ES6200 12 oz. Aerosol
 ES6201 1 Gallon
 ES6255 53 Gallon