



Flux Remover G3®

Defluxer
1631

Introduction

The patented formula of Flux Remover G3® was developed to be the direct replacement for defluxers containing HCFC-141b. It is designed specifically for removing R, RA, RMA and SA type flux residues after high temperature reflow. This flux remover can be used as an all-purpose cleaner to remove light oils, silicones, waxes, greases and similar contaminants often found in electronics manufacturing.

Features / Benefits

Non-Ozone Depleting
Non-Flammable
Safe on Most Plastics
Rapidly Evaporating
Zero Residue

Chemical Components

1,2-transdichloroethylene.....	(156-60-5)	30-90%
1,1,1,3,3-Pentafluoropropane.....	(460-73-1)	10-50%
Methanol.....	(67-56-1)	1-5%
Ethyl Hydroxy Propionate.....	(97-64-1)	<1%
1,1,1,2-Tetrafluoroethane (Propellant).....	(811-97-2)	10-20%
Carbon Dioxide (Propellant).....	(124-38-9)	1-10%

Solvent Specifications

Snap Approved	Non-Flammable	Toxicity Exposure (ppm)	Relative Evaporation Rate TCE=1	Surface Tension (dyne/cm)	Cleaning Efficiency 1=Relative efficiency of 141b*	VOC Content (grams/liter)	ODP
Yes	Yes	500	0.48	24	1.34	1000	0

*Cleaning Efficiency in compliance with MIL-PRF-29608(AS)

Plastic Compatibility

Material	Compatibility	Material	Compatibility
ABS	Not Compatible	PMMA	Not Compatible
Nylon	Excellent	POM	Excellent
Lexan	Not Compatible	PP	Excellent
HDPE	Excellent	PS	Not Compatible
CDPE	Excellent	PTFE	Excellent
C. E. Phenolic	Excellent	PVC	Excellent

Environmental Policy

Techspray® is committed to developing products to ensure a safer and cleaner environment. We will continue to meet and sustain the regulations of all federal, state and local government agencies.

Licensing Restriction

The use of this product for cleaning is subject to U.S. Patent No. 5,902,412 and use is restricted by Tech Spray, L. P.

Packaging and Availability

Flux Remover G3® is available in the following size:

1631-5S	5 Ounce Aerosol (with Brush Attachment 1995)
1631-16S	16 Ounce Aerosol

Resources

Techspray® products are supported by a global sales, technical and customer services resources.

For additional technical information on this product or other Techspray® products in the United States, call the technical sales department at 800-858-4043, email tsales@techspray.com or visit our web site at www.techspray.com.

North America
Tech Spray L.P.
P.O. Box 949
Amarillo, TX 79105
800-858-4043
email: tsales@techspray.com

Europe
Techspray International
UNIT 4, 44/46 Bunyan Road, Kempston
Bedford MK42 8HL United Kingdom
+44 (0) 1234 855443
email: tseurope@techspray.com

Countries Outside US
Call to locate a distributor
in your country.

Important Notice to Purchaser/User: The information in this publication is based on tests that we believe are reliable. The results may vary due to differences in tests type and conditions. We recommend that each user evaluate the product to determine its suitability for the intended application. Conditions of use are outside our control and vary widely. Techspray's only obligation and your only solution is replacement of product that is shown to be defective when you receive it. In no case will Techspray® be liable for any special, incidental, or consequential damages based on breach of warranty, negligence or any other theory.



Tech Spray, L.P.
P.O. Box 949
Amarillo, TX 79105
www.techspray.com

[English MSDS](#)
[French MSDS](#)
[German MSDS](#)
[Italian MSDS](#)
[Spanish MSDS](#)



Copyright 2004 Tech Spray, L. P.
For Commercial Use Only