

Description

The 835-P *Rosin Flux Pen* contains a type RA rosin-activated flux composed of pure Water White (WW) grade gum rosin. It is a unique solvent system that contains very effective activators. The superior fluxing remains consistent throughout the entire aeration process. The 835 provides fast wetting action and complies with all requirements for type ROM1 flux per J-STD-004.

Application

The 835-P pen is designed to dispense flux in a precise application and used for leaded and lead-free chemistries. Excellent for prototyping and rework/repair on printed circuit boards. Works well on chip carriers, heat sinks, surface mounted device pads, switches, and sockets.

Features & Benefits

- **For leaded and lead-free solder**
- **Fast wetting**
- **Non-corrosive**
- **Non-hygroscopic**
- **RoHS compliant**
- **Controlled application**

Flux Paste Properties

<i>Flux Properties</i>	<i>Method</i>	<i>Value</i>
Flux type Flux Activity Halides %(wt) Flux Classification	J-STD-004 MIL-F-14256F	Rosin Moderate 0.44% ROM1 RA
<i>Physical Properties</i>	<i>Method</i>	<i>Value</i>
Color Solids% Density Flash Point	Closed cup	Light amber 50% 0.93 12 °C [53 °F]

Storage and Shelf Life

Store at around room temperature and protect from direct heat or sunlight.

<i>Properties</i>	<i>Value</i>
Shelf Life after DOM Storage Temperature	3 y 18 to 27 °C [65 to 80 °F]

DOM = date of manufacture

Cleaning

If removal is desired, a solvent system like the *MG 4140* or *MG 413B* can be used. For best results, warm the cleaning solution to about 40 °C [104 °F].

Health and Safety

Please see the 835-P **Safety Data Sheet** (SDS) for more details on transportation, storage, handling and other security guidelines.

Environmental Impact: The volatile organic content is 50% by EPA and WHMIS standards.



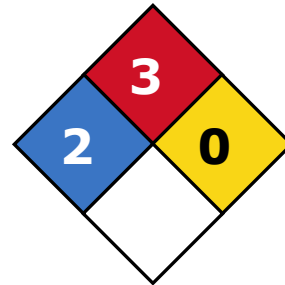
This product meets the European Directive 2011/65/EU Annex II (ROHS); recasting 2002/95/EC.

Health and Safety: Avoid breathing fumes. Wash hands thoroughly after use. Do not ingest.

HMIS® RATING

NFPA® 704 CODES

HEALTH:	* 2
FLAMMABILITY:	3
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	



Approximate HMIS and NFPA Risk Ratings Legend:

0 (Low or none); 1 (Slight); 2 (Moderate); 3 (Serious); 4 (Severe)

Application Instructions

The flux pen controls the flow via a spring-loaded felt tip and valve mechanism. This helps keep evaporation to a minimum between use.

1. Depress the tip against a hard surface until the felt tip gets wet, but not flooding.
2. Gently brush the wet tip onto the soldering area to apply. To keep the felt saturated and the flow controlled, only press in the tip as needed.

ATTENTION! Do NOT continuously keep the tip depressed or do not press too hard. This can jam the valve open and cause flooding.

Note that the felt tip on a new pen will take a few seconds to fully saturate, so expect an initial delay before the flux starts to flow. Moving the tip in circular motion can help loosen the felt fibers and speed up the saturation process.

Packaging and Supporting Products

<i>Cat. No.</i>	<i>Packaging</i>	<i>Net Volume</i>		<i>Net Weight</i>	
835-P	Pen	10 mL	0.34 fl oz	9.3 g	0.33 oz

Suitable Flux Cleaners

- *Heavy Duty Flux Remover*: Cat. No. 413B-1L, 413B-4L, 413B-20L, 413B-425G
- *Flux Remover for PC Boards*: Cat. No. 4140-P, 4140-400G, 4140-1L, 4140-4L, 4140-20L

Technical Support

Contact us regarding any questions, improvement suggestions, or problems with this product. Application notes, instructions, and FAQs are located at www.mgchemicals.com.

Email: support@mgchemicals.com

Phone: 1-800-340-0772 (Canada, Mexico & USA)

1-905-331-1396 (International)

+(44) 1663 362888 (UK & Europe)

Fax: 1-905-331-2862 or 1-800-340-0773

Mailing address: **Manufacturing & Support**
1210 Corporate Drive
Burlington, Ontario, Canada
L7L 5R6

Head Office
9347-193rd Street
Surrey, British Columbia, Canada
V4N 4E7

Warranty

M.G. Chemicals Ltd. warrants this product for 12 months from the date of purchase by the end user. *M.G. Chemicals Ltd.* makes no claims as to shelf life of this product for the warranty. The liability of *M.G. Chemicals Ltd.* whether based on its warranty, contracts, or otherwise shall in no case include incidental or consequential damage.

Disclaimer

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. *M.G. Chemicals Ltd.* does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.