

Description

The 835 Rosin Flux 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 rosin flux is designed 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**

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	5 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 **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.



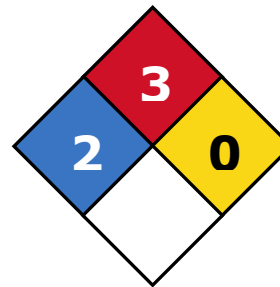
This product meets the European Directive 2011/65/EU Annex II (ROHS); recasting 2002/95/EC.

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

HMIS® RATING

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

NFPA® 704 CODES



Approximate HMIS and NFPA Risk Ratings Legend:

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

Application Instructions

1. Apply flux directly on the intended surface via dip, spray, or brush application.
2. Clean residues after use.

Packaging and Supporting Products

<i>Cat. No.</i>	<i>Packaging</i>	<i>Net Volume</i>		<i>Net Weight</i>	
835-100ML	Bottle	125 mL	4.2 fl oz	116 g	4.10 oz
835-1L	Bottle	1 000 mL	33.8 fl oz	930 g	32.8 oz
835-4L	Bottle	4 000 mL	135.0 fl oz	3 720 g	131 oz
835-P	Pen	10 mL	0.34 fl oz	9.3 g	0.32 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



Rosin Flux 835 Technical Data Sheet

ISO 9001:2008 Registered Quality System. Burlington, Ontario, CANADA SAI Global File: 004008

835-Liquid

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.

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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.