

## No Clean Flux Paste

### Description

8341 is designed for lead free alloys, but it also works well with conventional leaded solders. This tacky flux uses a mix of rosin, thickener, and high-grade synthetically refined resin. The flux provides fast and widespread wetting during soldering and leaves non-conductive and non-tacky residues. 8341 flux is used for solder touch ups, repairs, or reworks of surface mount assemblies.

### Features and Benefits

- *Excellent wettability*
- *Clear, non-conductive, and non-tacky residues*
- *Usable for both lead free and leaded alloys*
- *Meets J-STD-004B ROL1 classification*
- *RoHS compliant*

### Usage Parameters

Properties	Value
Shelf life	2 y
Storage temperature <sup>a)</sup>	18 to 27 °C [65 to 80 °F]

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

## Properties

Physical Properties	Method	Value
Flux classification	J-STD-004B	ROL1
Flux type	J-STD-004B	Rosin
Flux activity	J-STD-004B	Low
Halides %wt	IPC-TM-650 2.3.35	<0.5%
Halogen content	EN 14582	0.81% (8100 ppm)
Acid value	IPC-TM-650 2.3.13	126 mg KOH/g
Copper mirror	IPC-TM-650 2.3.32	No breakthrough
Corrosion test	IPC-TM-650 2.6.15	Non-corrosive
Surface insulation resistance (SIR)	IPC-TM-650 2.6.3.7	Pass
Electromigration (ECM), IR initial, 96 h IR final, 596 h	Bellcore GR-78-CORE 13.1.4	Pass (no-clean state) Pass (no-clean state)
Flux residue dryness	IPC-TM-650 2.4.47	Pass
Flux specific gravity	ASTM D 1298	0.98 g/mL
Viscosity	IPC-TM-650 2.4.34.4	22 000 cP [22 Pa·s]
Flux solids	IPC-TM-650 2.3.34	99.2%
Cleaning requirements	—	Optional <sup>a)</sup>

a) If removal is desired, use MG 4140 or MG 413B.

## Storage

Store between 18 to 27 °C [65 to 80 °F] in a dry area, away from sunlight.

## Health and Safety

Please see the 8341 Safety Data Sheet (SDS) for further details on transportation, storage, handling, safety guidelines, and regulatory compliance.

## Application Instructions

Apply flux by brushing, dipping, or direct dispensing via the syringe.

## Packaging and Supporting Products

Cat. No.	Packaging	Net Volume	Net Weight
8341-10ML	Syringe	10 mL [0.33 fl oz]	9.8 g [0.34 oz]

## Technical Support

Please contact us regarding any questions, suggestions for improvements, or problems with this product. Application notes, instructions and FAQs are located at [www.mgchemicals.com](http://www.mgchemicals.com).

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