

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	3 y
Storage temperature ^{a)}	18–27 °C [65–80 °F]

a) Store in a dry area, away from sunlight.

Properties

Flux Properties	Method	Value
Flux classification	J-STD-004B	ROL1
Flux type	J-STD-004B	Rosin
Flux activity	J-STD-004B	Low
Halides by weight	IPC-TM-650 2.3.35	<0.5%
Halogen content	EN 14582	0.81% (8 100 ppm)
Acid value	IPC-TM-650 2.3.13	126 mg KOH/g
Copper mirror	IPC-TM-650 2.3.32	Pass
Corrosion	IPC-TM-650 2.6.15	Pass
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
Cleaning requirements	—	Recommended
Physical Properties	Method	Value
Color	Visual	Yellow
Solids %	IPC-TM-650 2.3.34	72%
Density	ASTM D 1298	0.98 g/mL
Viscosity	IPC-TM-650 2.4.34.4	22 000 cP [22 Pa·s]

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

1. Apply flux on the surface via direct dispensing, dip, or brush application.
2. Clean residue with MG 4140 or 413B flux removers.

Packaging and Supporting Products

Cat. No.	Packaging	Net Volume	Net Weight	Packaged Weight
8341-10ML	Syringe	10 mL [0.33 fl oz]	9.80 g [0.34 oz]	20 g [0.04 lb]

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.

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