

8309 Liquid



Conformal Coating Remover

8309 is a liquid conformal coating remover which is available in liquid and pen formats. It removes most reworkable conformal coatings, such as thermoplastic (non-cross linked) acrylics, urethanes, and silicone-based conformal coatings. It also facilitates the removal of some thermoset coatings, like cross-linked silicones and polyurethanes, by softening or swelling the coat to aid with mechanical removal.

This coating remover is safe for most types of PCB components. It is fully biodegradable and environmentally safe.

The primary application of 8309 is conformal coating removal for PCB maintenance and repair. It also works well for removing conductive ink lacquers. Its low viscosity allows PCBs to be easily submersed in the stripper.

Features & Benefits

Strips acrylics, polyurethanes, and silicones

Liquid format allows for full submersion of PCBs

Safe on metals

Contains no SVHCs

Biodegradable

Storage and Handling

Store between -10 and 27 °C in a dry area, away from sunlight (see SDS).



Available Packaging

Part #	Packaging	Net Vol.	Net Wt.
8309-P	Pen	10 mL	8.93 g
8309-850ML	Can	850 mL	759 g
8309-3.78L	Can	3.78 L	3.37 kg

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Liquid Properties

Color	Colorless	—
Odor	Keytone-like	—
Density	0.9 g/mL	ASTM D1475
Viscosity @ 25 °C	<20.5 cP	Brookfield Engineering labs Inc. IPCTM-65- Method 2.4.24.4
Boiling Point	42 °C	—
Shelf Life	5 y	—

Application Instructions

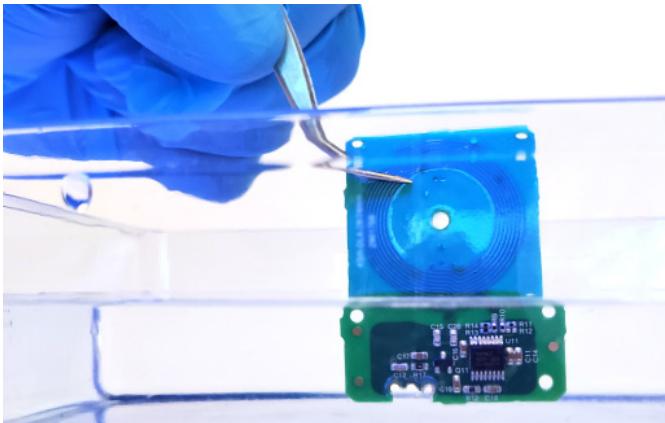
Read the product SDS before using this product (downloadable at www.mgchemicals.com).

Recommended Preparation

Clean the substrate with MG #824 99.9% Isopropyl Alcohol, so the surface is free of oils, dust, and other residues.

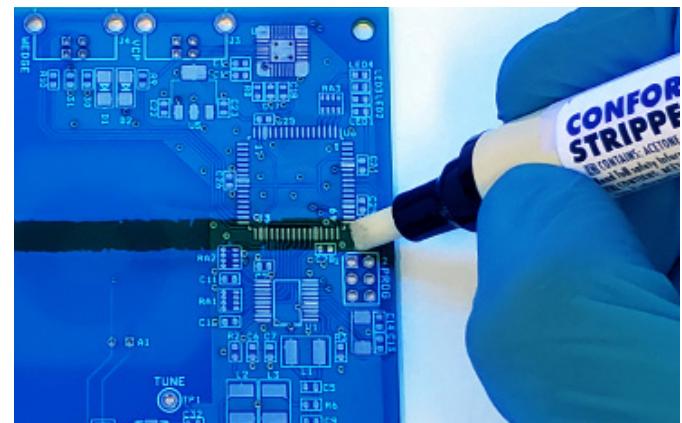
Dip

1. Fully submerge PCB in the stripper.
2. Allow coating to soften.
3. Remove softened coating with a non-abrasive brush, then gently wipe with a clean cloth.
4. Rinse off remaining stripper with isopropyl alcohol (MG #824, MG #8241).



Pen

1. Shake pen vigorously.
2. Hold pen at an angle and carefully press tip against surface until tip is wet, but not flooding.
3. Gently brush on desired area, and control the flow by only pressing in tip as needed.
4. Replace cap and store tip up after use.
5. Rinse off remaining stripper with isopropyl alcohol (MG #824, MG #8241).



Disclaimer: This information is believed to be accurate. It is intended for professional end-users who have the skills required 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.