

# ExPoxy™ Remover

## A Powerful Stencil Wipe Choice for Removing Chip Bonder, Paste & Grease



ExPoxy™ Remover is an aggressive solvent for difficult stencil cleaning applications, such as fine-pitch or dense BGA designs

- The Strongest Cleaner In Its Class
- Great on Lead-Free Pastes, Chip Bonders & Some Inks
- Proven Reliable in Stencil Printer Wetting Systems
- Plastic-Safe, Noncorrosive

### General Information

ExPoxy™ Remover has been an instant success since it was introduced a decade ago. Powerful and easy-to-use, it is your best choice for almost any difficult cleaning application.

### Technical Details

Chemical Family	Alcoxypropanols
Appearance	Clear, Colorless Liquid
Aroma	Mild Alcohol
Boiling Point	248-302° F / 120-150°C

### Solvency & Cleaning Data

Cleaning Strength (K <sub>b</sub> )	90 (est)
Specific Gravity (@ 15°C)	0.88
Surface Tension (dynes/cm)	24.9
Evaporation Rate (Butyl Acetate = 1)	0.15

### Health, Safety & Environmental Data

Toxicity Rating (ppm, 8-Hr TWA, PEL)	See MSDS
Flashpoint (TCC)	41° C / 106° F
Safety Rating	Combustible
NFPA	Health: 0; Fire: 2; Reactivity: 0
Ozone Impact	Zero
Organic Content (g/L)	890
RoHS and WEEE Compliant	Yes
SNAP Approved	Not applicable

### Packaging

Presat Wipe	1.85 lb / 840 g	MCC-EPXW
Presat Wipe Refill	1.85 lb / 840 g	MCC-EPXWR
Minipail	6 lbs. / 2.72 k	MCC-EPXG
Pail	30 lbs. / 13.6 k	MCC-EPXP
Drum	392 lbs. / 177.8 k	MCC-EPXD

The presat wipes are packaged in cases of twelve (12) tubs per box. The presat refills also are 12 units/box, but include one brand-new empty presat tub. The presat wipes have a one-year shelf life; all other packages have an unlimited shelf life.

### Related Products

For plastic-safe cleaning, **VeriClean™** is a faster-drying alternative to ExPoxy Remover. For stencil cleaning in dip tanks, the nonflammable **BGA Stencil Cleaner** is a better choice. For precision cleaning in vapor degreasers, **Flux Remover C** is the best choice. Contact MicroCare for more details on the technical issues.

### Product Notes

**AVAILABILITY.** This product is available from MicroCare distributors world-wide. Contact your local distributor at [www.MicroCare.com](http://www.MicroCare.com) for details.

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### About the Product

The ExPoxy™ Remover is a powerful aliphatic hydrocarbon solvent designed for precision cold cleaning. Initially developed to remove uncured chip bonders, it has proven to be the most powerful and versatile solvent in its class. For example, it is the best hydrocarbon solvent for cleaning solder paste from stencils and misprinted boards. It also is the best choice for use in automatic stencil printers because the highly activated cleaner needs less solvent to perform this cleaning chore. This formulation has been tested and accepted by DEK, EKRA, MPM, and Panasonic for use in their stencil printers.

The ExPoxy™ Remover works well on leaded- and lead-free fluxes and pastes, water-soluble pastes and even "no-clean" products. Plastic-safe, residue-free and non-corrosive, ExPoxy™ Remover is safe on PCBs, stencils, components, connectors and tools.

Many engineers specify the ExPoxy™ Remover in the presaturated wipe for manually cleaning stencils and misprints during SMT production. The package features 100 sheets of a highly absorbent, lint-free, shred-resistant polyester fabric. The seamless plastic tub is hermetically sealed, so the wipes have a industry-leading shelf life. The tub also features a self-closing lid, so the wipes stay damp during use. Money-saving refills (see photo) minimize waste and lower replacement costs 25% or more.

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