



Solvent Selection Summary

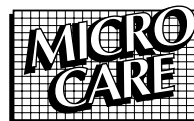
For a more detailed analysis and recommendation, see the interactive "Solvent Selection Guide" at www.MicroCare.Com

Circuit Board Cleaning	Optimal Choice	Other Great Choices
Rosin Fluxes/Pastes (R, RA, RMA, SA Fluxes/Pastes)	Flux Remover C ^{1,4} (MCC-CMS) Medium-strength HFC blend from DuPont. Great cleaning, fast drying; works on no-cleans, too	SuprClean ^{TM 1,4} (MCC-SPR) Turbocharged HFCs. Great cleaning, fast drying. Good toxicity. Nonflammable
"No Clean" Fluxes/Pastes, Mixed Types of Fluxes/Pastes	VeriClean TM Defluxer ^{1,2,4} (MCC-DC1) ^{1,2,3} Great cleaner. Low aroma. Plastic-safe. Fast drying. 91% VOC exempt. Great environmentally	Axarel ^{® 2200} ^{1,3,4} (MCC-AXL) Powerful, plastic-safe, hydrocarbon. Great on stencils, oils, inks. Economical slow drying
Water-Based (OA) Fluxes/Pastes	BGA Stencil Cleaner ^{2,4} (MCC-BGA) Water-based alcohol cleaner. Powerful, versatile cleaning. No residues. Plastic-safe. Nonflammable	Bioact ^{® EC7M} ^{1,4} (MCC-EC7M) Powerful cleaner. Versatile. Citrus aroma. Slower drying: economical. Test on plastics.
Mechanical Parts Light Oils, Grease, Lubricants	Heavy Duty Degreaser C ^{1,4} (MCC-HDC) Medium-strength. Great cleaning. Fast drying; targeted on organics. No aroma. Nonflammable	Axarel ^{® 2200} ^{1,3,4} (MCC-AXL) Powerful, plastic-safe hydrocarbon. Great on stencils, oils, inks. Economical. Slow drying
Epoxies & Chip Bonders (Uncured); Coatings (Silicone, Urethanes, Acrylics)	ExPoxy TM Remover ^{3,4} (MCC-EPX) Most powerful hydrocarbon. Fabulous on uncured epoxies. Great on mis-printed PCBs	SuprClean ^{TM 1,4} (MCC-SPR) or VeriClean ^{TM 1,4} (MCC-DC1)
Kapton[®] Tape, Pressure-Sensitive Labels, Glues	TidyPen [®] Label Remover (MCC-P01) Powerful cleaner in pocket-sized pen. Fast. Non-staining. Huge time-saver. Long-lasting	Bioact ^{® EC7M} ^{1,4} (MCC-EC7M) Powerful cleaner. Versatile. Citrus aroma. Economical. Slow drying. Test on plastics
Inks, Marking Pens	ScreenClean TM Ink Rmvr ^{3,4} (MCC-CDI) Powerful, targeted cleaner. Great on UV-curable. Also good on uncured epoxies.	ProClean ^{TM 1,3,4} (MCC-PRO) Versatile alcohol blend. Surprisingly strong. Water-free. Good toxicity. Meets mil-specs
Equipment Maintenance	Optimal Choice	Other Great Choices
General Surface Cleaning (Fingerprints, Oils, Grime)	Plastic & Glass Cleaner ^{2,4} (MCC-PMG) Very good cleaning. Water-based. Great tox ratings. VOC exempt. No residues, no detergents	StatMat TM ESD Cleaner ^{2,4} (MCC-ROC) Milder, renews ESD surfaces. Pleasant aroma. No caustics so it is safer for mats
Burned-on Flux Residues (Reflow Ovens, Wave Solder)	Reflow Oven Cleaner ^{TM 2,4} (MCC-ROC) Excellent cleaner. Great on wave solder systems, pick-and-place systems. No aroma. Nonflammable	QuickShot TM Oven Cleaner ¹ (MCC-QRS) Excellent cleaner. Instant drying. Super-powerful. No aroma. Use when wiping is not possible
Stencil Cleaning (Solder Paste)	BGA Stencil Cleaner ^{2,4} (MCC-BGA) Medium drying. Water-based. More versatile than Reflow Oven Cleaner. Nonflammable	ExPoxy TM Remover ^{3,4} (MCC-EPX) or Axarel ^{® 2200} ^{1,4} (MCC-AXL)
Contact Cleaning	Contact Cleaner C ^{1,4} (MCC-CCC) HFC-based. Nonflammable. Safe on plastics. Almost instant drying. Affordable.	Prec. Clnr. II ^{1,4} (MCC-PC2) Nonflammable. Great cleaning. Mil-spec approved. HCFC-based. Instant drying
Bulk Cleaning Systems	Optimal Choice	Other Great Choices
Heated Vapor Defluxing/Degreasing Systems	Vertrel ^{® CMS} ^{1,4} (MCC-HDC) Medium-strength HFC. Great cleaning, fast drying; great on inorganics. nonflammable.	Vertrel ^{® MCA Plus} ⁴ (MCC-MCAP) Metal cleaner, optimized for organics. Fast drying, great tox ratings, nonflammable
Unheated Ultrasonic Systems and Stencil Cleaning Systems	BGA Stencil Cleaner ^{2,4} (MCC-BGA) Medium drying; water-based, more versatile than Oven Cleaner. Nonflammable	RossTech ^{TM 106FE} ⁴ (MCC-106FE) Powerful hydrocarbon cleaner. Plastic-safe. Low aroma. Economical, slow drying

PACKAGING NOTES: Each solvent is available in: (1) aerosol sprays (2) refillable pump sprays (3) presaturated wipes (4) bulk packages. Not all products available in all countries. Contact your distributor or Micro Care for guidance.

This is a general guide to cleaning applications and is not meant to replace individualized discussions. Micro Care publishes this information from sources believed to be accurate. Micro Care does not guarantee the accuracy of the data and assumes no liability in connection with using it. Micro Care's liability is limited to the replacement of product. Specifications are subject to change without notice.

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