



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.

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