



MultiEx® 3D-E14

Aqueous 3-dimensional special detergent for the combined cleaning of 1. colophonium, 2. deoxidizers, 3. passivates

Part No. 090646-RM10 // Contents: 10 l

Part No. 090646-RM25 // Contents: 25 l

CLEANING TECHNOLOGY

Made in Germany



Application overview

Most suitable	Most suitable	Optional suitable	Optional suitable	Not suitable
Assembled PCBs Hybrids Misprints	Stencils Screens, PumpPrints Misprints	Solder frames Solder carriers Solder masks	ESD boxes Containers Magazines	Condensation traps Filters Steel sheets

Technical data	
Color	transparent
Odor	specific
ph-value at 20°C	11,0
Melting point	not determined
Initial boiling point and range	100° C
Flash point	not determined
Flammability (solid & gas)	not applicable
Explosion limits	not determined
Auto-ignition temperature	not applicable
Density at 20° C	0,99 g / cm ³
Water solubility	fully soluble
Viscosity at 20° C	30,0 mPa·s
Application	pure
Storing frost-free	in original container
GHS signal word	Warning (GHS 07)
MultiEx® 3D cleans particularly colophonium SMD paste and flux quickly, thoroughly and with best material protection from DCBs, ceramic substrates and PCBs.	
ReadyMix for direct use in a cleaning system.	

Applications	
Copper oxide Cu ₂ O	++
SMD adhesive	o
Solder paste	++
Low voc flux	++
Colophonium flux	++
Waterbased flux	++
Solder paste (soldered)	++
Spray-in-air systems	++
Spray-in-immersion systems	+
Air-in-immersion systems	+
Ultrasonic systems	+
Manual application	o
++ = ideal for application, + = recommended, o = optionally applicable, - = not recommended	
Note: The spreadsheet only shows a general overview of the product specifications.	
Cleaning tests are reasonable to determine the optimum cleaner configuration. Such tests may be carried out directly at the kolb demonstration center in Willich / Germany or Shanghai / China or can be initiated by contacting your local kolb partner..	

All modifications due to technical improvements are subject to change without notice.