

TOPKLEAN™ EL-7



Solvent for Stencil Cleaning in Printers

FEATURES

TOPKLEAN EL-7 is an hydrocarbon-based cleaner for electronics. Due to its high flash point, TOPKLEAN EL-7 can be used in printers to wet the paper rolls undercleaning stencils.

TOPKLEAN EL-7 is qualified in MPM printers.

SPECIFICATIONS

Properties	Unit	Value	Method
Flash point)	°Celsius	60	
Bulk density @ 15°C	kg/m ³	761	ASTM D4052

CHARACTERISTICS

TOPKLEAN EL-7 is a light coloured, odourless liquid.

Properties	Unit	Value	Method
Aspect		Clear	Visual
Distillation interval	°C	187 - 212	No standard method
Viscosity @ 25°C	mm ² /s	1.9	No standard method
Surface tension @ 20°C	mN/m	23.5	
Relative evaporation speed	nBuAC = 1	0.09	
Dielectric rigidity	kV/cm	200	
Solubility in water		Not soluble	

PACKAGING

Available in 20 litres containers and 200 litres drums.

STORAGE & SHELF LIFE

Suitable materials for the storage are mild steel, stainless steel and polyethylene.
Keep product in closed conditioning.
Storage life : 18 months.

PROCESS PARAMETERS

TOPKLEAN EL 7 is used pure.

TOPKLEAN EL-7 can also be used for cold manual cleaning of solderpaste on stencils and tools.
Manual defluxing of PCB after rework.
Compatible with all metals and their alloys as well as glass and ceramics.

HSE

Properties	Unit	Value	Method
Lower explosion limit in air (20°C)	% v/v	0,57 (40 g/m ³)	DIN 51649
Upper explosion limit in air (150°C)	% v/v	5,1 (360 g/m ³)	DIN 51649
Auto ignition temperature	Celcius	375	DIN 51794

TOPKLEAN EL 7 can be easily recycled, recovered or disposed of as used oil by specialised companies.
For more information, please consult our specialists.

TOPKLEAN EL 7 is chlorine- and halogenated solvent-free.
Comply with all relevant safety measures as concerns fire and explosion hazards.

Please refer to the material safety data sheet before use.

No issues when used as recommended.

Although the conformity to ROHS 2002/95CE applies EQUIPMENT put on the market and not a component in particular, we warranty that this product contains less than 0.1% of mercury, lead, chromium VI, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE) and less than 0.01% for the cadmium, in accordance with the decision of The European Commission dated 18/08/2005, fixing the maximal concentration values.

This data is based on information that the manufacturer believe to be reliable and offered in good faith. In no event will INVENTEC be responsible for special, incidental and consequential damages. The user is responsible to the Administrative Authorities (regulations for the protection of the Environment) for the conformity of his installation.

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