



# PROTON® 69

100% Alcohol-based cleaning fluid determined to remove cured and uncured acrylic conformal coatings from coating frames, PCBs and components of coating machine parts.

Determined to clean also uncured epoxy adhesives from stainless steel stencils and plastic pumpprints.

### Recommended areas for use

### Recommended cleaning technology

to remove uncured/cured coating from PCBs, coating frames

Automatic: Ultrasonic / Spray in air / Air bubble

Manual: immersion and manual cleaning using brush

SMT adhesive (uncured)

Spray in air



### Process steps\*

	Cleaning	1. rinse	2. rinse	Drying
<b>Cleaning application</b>	Proton® 69	X / DI water	X/DI water	Hot air
Acrylic conformal coating	10 – 20 min, 45°C	5 min, 20 – 30 °C	5 min, 20 – 30 °C	10 min, 40 – 60°C
Uncured adhesive/stainless steel stencil	1 min, 20°C	2 min, 20 – 30 °C	2 min, 20 – 30 °C	10 min, 40 – 60°C
Uncured adhesive / pumpprint	10 min, 20°C	2 min, 20 – 30 °C	2 min, 20 – 30 °C	10 min, 40 – 60°C

### Product information

- excellent compatibility with broad materials, plastics, aluminium, inks and labels used in electrotechnical industry
- Proton 69 completely dissolve acrylic conformal coating and uncured epoxy based adhesives
- spray in air machines Injet type must be suited for Proton 69 because of flash point
- completely soluble in water, fast evaporation rate

### Physical and chemical properties

Product appearance:	clear liquid
Odour, aroma:	organic
VOC content:	100%
Recommended process temperature:	20 – 45°C
Flash point:	68°C
Density at 20°C:	0,9 kg/l



Date of issue/revision:

27 Oct 2016 / 28 Feb 2019

Consult **MSDS** prior to use.

**Check material compatibility** in case of contact with sensitive materials susceptible to chemical stress cracking.

Proton® is a registration trademark of DCT Czech s.r.o.



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## General information



### Packing

25 litres, 5 litres, 1 litre can



### Transport

UN number: No.

Transport hazard class: No.



### Handling

Wear nitrile gloves while manipulation with the cleaning fluid.



### Storage

Should be stored in closed containers, in ventilated areas at the temperature from 5 to 25 °C.



### Shelf life

The minimum shelf life for this product is 5 years.

Return the used product for proper disposal to the nearest authorized collection location.

## Technical support

\*For process implementation and setting, optimization and solving of process issues, trial test, contact your DCT specialist at [www.dct.cleaning](http://www.dct.cleaning)

## Product features

RoHS and REACH compliant, biodegradable, does not contain any halogenated compounds



RoHS  
Compliant



REACH  
SVHC



BIODEGRADABLE

We are certified as part of a worldwide quality management system by **LLOYD'S**



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