



PROTON® 69

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

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

Ready-mix, intended for direct use.



Recommended areas for use

Recommended cleaning technology

1. uncured/cured coating from PCBs, coating frames, components of coating frames

Automatic: Ultrasound / Spray-in-air / Air bubble
Manual: immersion and manual cleaning with brush

2. SMT adhesive

Spray-in-air

Process table

	Cleaning	1. rinse	2. rinse	Drying
Cleaning application	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

- High compatibility with broad materials, plastics, aluminium, inks and labels used in electrotechnical industry
- Proton 69 completely dissolves acrylic conformal coatings and uncured epoxy adhesives
- Spray-in-air machines InJet type must be suited for Proton 69 because of flash point 68 °C
- Completely soluble in water, fast evaporation rate

Table of physical and chemical properties

Product appearance:	one phase clear liquid
Colour:	colourless / yellowish
Odour:	organic
VOC content:	100 %
Recommended process temperature:	20 – 45 °C
Flash point:	68 °C
Density at 25 °C:	0,9 kg/l

Technical support

For process implementation and setting, optimization and solving of process issues, trial test, contact your DCT specialist at www.dct.cleaning



Date of issue:
02. 03. 2020

Check SDS prior to use.
Check material compatibility in case of contact with sensitive materials susceptible to chemical stress.

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 manipulating with cleaning agent.

It is necessary to stir well the can before use.



Storage

Should be stored in closed containers, in ventilated areas

At temperature 5 – 25 °C



Shelf life:

The minimum shelf life for this product is 5 years.

Notification

The fluid may become yellow-to-brown as a result of a temperature change or under the influence of light and air. This is a common phenomenon and not a flaw and in no way changes the properties of the product.

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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