PROTON® 29

100% Alcohol-based cleaning fluid determined to remove residues of a solder paste and SMT adhesives from printing stencils, PCBs misprints and squeegees.

Specially designed for wet cleaning process in screen printing. Effective for all types of solder pastes and most types of SMT adhesives. Ready-mix, intended for direct use.

<table>
<thead>
<tr>
<th>Recommended areas for use</th>
<th>Recommended cleaning technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>To remove unsoldered residues of solder paste</td>
<td>Wet cleaning process in screen printing</td>
</tr>
<tr>
<td>SMT adhesive (uncured)</td>
<td>Manual removing using cleaning fluid and wipe</td>
</tr>
</tbody>
</table>

**Process steps***

<table>
<thead>
<tr>
<th>Cleaning application</th>
<th>Cleaning</th>
<th>1. rinse</th>
<th>2. rinse</th>
<th>Drying</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proton® 29</td>
<td>X/DI water</td>
<td>X/DI water</td>
<td></td>
<td>Vacuum paper roll</td>
</tr>
</tbody>
</table>

**Product information**

- High cleaning efficiency, fast evaporation
- No-rinse fluid
- 0% of solid residues
- Meets criteria for usage in electrotechnical industry
- Compatible for all components of the printer machine
- EKRA approved cleaning fluid

**Physical and chemical properties**

- Product appearance: clear yellow liquid
- Odour, aroma: weak etherial
- VOC content: 100%
- Recommended process temperature: room
- Flash point: 40 °C
- Density at 20°C: 0.9 kg/l

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.
General information

Packing
25 litres, 5 litres, 1 litre can

Transport
UN number: 3092
Transport hazard class: 3

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

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

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

Date of issue/revision: 18 Sept 2017
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