

KONTAKT NB

Non-flammable safety cleaner for electronics

1. GENERAL DESCRIPTION

Unique formulation of organic solvents, free of CHC and CFCs

2. FEATURES

- Non-flammable, High level of security in use
- Compatible with materials commonly used in electronics.
- Non-conductive
- High dielectric strength
- Fast and residue-free evaporation.
- Non corrosive

3. APPLICATIONS

KONTAKT NB is used in industrial controls, traffic control systems, construction-machinery, transmitters, telecommunications technology, computer networks, etc.

- Safe to use on live assemblies eliminating expensive downtimes
- Removes deposits and dirt from electronic components, contacts, circuit boards and sensors

4. DIRECTIONS

Cleaning work on live assemblies may only be carried out by persons with appropriate expertise. Safety distances must be observed. The spray can is made of metal and is conductive, so you should always work with the well insulating extension tube (made of polypropylene).

By evaporating the cleaning agent, the surface cools down somewhat. Therefore, small amounts of moisture can precipitate from the surrounding air.

TECHNICAL DATA SHEET 2/2

KONTAKT NB

Printed circuit boards or assemblies with short air creepage distances: Critical leakage currents can flow through condensed humidity over short air creep distances if used incorrectly. This can promote the development of local leakage bridges as long as the moisture has not dried completely. The assemblies concerned are to be observed until the cleaner has dried. In these cases, it is recommended to dry the surfaces with compressed air immediately after cleaning (Kontakt chemie DUST OFF 67 can be used for mobile use).

Cleaning of live contacts during switching: Due to the high energy density, the active ingredients of the cleaner are decomposed in electrical switching sparks. The decomposition products (mainly carbon) are deposited on the contact surfaces. This is not critical for isolated contacts, because only very small quantities are produced. At very high switching frequencies ($>1/s$), the contact pair should be disconnected from the power supply before cleaning.

5. TYPICAL PRODUCT DATA

Appearance	:	clear, colourless liquid
Density at 20 °C	FEA 605	: 1.30 g/cm ³
Ignitability of the spray jet	FEA 609	: non-flammable
Fassttest (explosion risk)	FEA 610 X	: passed ($> 150 \text{ s} / \text{m}^3$)
Impact voltage	ASTM D 877-87	: 27.3 kV _{eff}
Plastic compatibility	Bellcoretest	: Passed with ABS, Noryl, Lexan
Evaporation number (ether = 1) DIN 53 170	:	3,5

6. PACKAGING

Aerosol : 200 ml

All statements in this publication are based on service experience and/or laboratory testing. Because of the wide variety of equipment and conditions and the unpredictable human factors involved, we recommend that our products be tested on-the-job prior to use. All information is given in good faith but without warranty neither expressed nor implied.

This Technical Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Technical Data Sheet will be sent to you upon simple request or can be found on our website: www.crcind.com.

We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.

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