

**Antistatik 100****Cleaning antistatic solution for plastics and fabrics**

Ref. : 83009

**1. GENERAL DESCRIPTION**

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Antistaticum in isopropanol, for treating electrostatic discharges.

**2. FEATURES**

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KONTAKT CHEMIE ANTISTATIK 100 is a solution of conductive organic liquids in isopropanol. The organic liquid forms a thin, almost invisible film with sufficient electrical conductivity to reliably prevent the electrostatic discharges from plastic surfaces and fabrics.

After the treatment, the surface resistance comes down to values inferior to  $10^{10}$  Ohm. The treated material can be classed as static dissipative.

**3. APPLICATIONS**

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Typical applications for the KONTAKT CHEMIE ANTISTATIK 100 are cleaning and treatment of electrostatic charges on glasses, sound deadening shields, screens, acrylic glass,...

- To avoid electrostatic discharges when touching seats (i.e. in cars), textile, carpet floors,...
- Temporarily protection for antistatic discharge on plastic frames and packing materials.

**4. DIRECTIONS**

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- It is best to spray the KONTAKT CHEMIE ANTISTATIK 100 directly on the surface.
- It is recommended to spray the surface twice. More Layers will lower the electrostatic surface resistance further.
- In case of completely transparent surfaces, the product can be applied on a lint free cloth to wipe it on the surface. In this way, there will be no visible traces and the surface is cleaned at the same time.
- The active product in KONTAKT CHEMIE ANTISTATIK 100 is soluble in water. When the treated surfaces are exposed to high humidity or mechanical stresses, the treatment has to be repeated on regular intervals.
- The used solvent and active product is compatible with most plastics and fabrics. It is however recommended to check the compatibility before use. One should be particular careful for stress cracking when used on plastics under mechanical tension (e.g. polycarbonate).
- The product contains a flammable solvent, so all sources of heat and sparks should be avoided during the application and until complete evacuation of the evaporated solvent.
- A safety data sheet (MSDS) according to EU directive 93/112 is available for all products

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**5. TYPICAL PRODUCT DATA (without propellant)**

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Specific gravity (@ 20°C)	:	0,75 ± 0,1 g/cm <sup>3</sup>	
Flash point	Aerosol	:	< 0°C
	Bulk	:	12 °C
Coverage	Aerosol	:	1.5 m <sup>2</sup> / 200 ml*
	Bulk	:	8 m <sup>2</sup> / liter*

\*Coverage depends on the nature of the substrate

## Dry film properties (after 15 – 30 minutes)

Appearance	:	transparent
Solubility	:	In water, alcohol
Biodegradable	:	Yes (OECD301B)
Surface resistance on transparent PVC foil (SRM® 110)	:	1.10 <sup>8</sup> Ω

**6. PACKAGING**

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aerosol	200 ml
bulk	5L, 200L

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](http://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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