ANTISTATIK 100

Give electrostatic charge no chance.

1. GENERAL DESCRIPTION

Antistaticum in isopropanol, for treating electrostatic discharges on plastics and fabrics.

2. FEATURES

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

- 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

- 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.

CRC INDUSTRIES EUROPE BV
Touwslagerstraat 1 - 9240 Zele, Belgium
Tel. +32 (0)52 45 60 11 - Fax. +32 (0)52 45 00 341
www.kontaktchemie.com

- 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 he evaporated solvent.
- A safety data sheet (SDS) according to EU directive 93/112 is available for all products

5. TYPICAL PRODUCT DATA

Specific gravity (@ 20°C)		:	0,75 ± 0,1 g/cm³
Flash point	Aerosol	:	< 0°C
	Bulk	:	12 °C
Coverage	Aerosol	:	1.5 m² / 200 ml*
	Bulk	:	8 m² / 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	:	1.10^8 Ω (Measured with SRM® 110)

6. APPROVALS:

NATO stock number	:	6850-12-172-9350

7. PACKAGING

Aerosol	:	200 ml
Canister	:	5L

Version : 4.1
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