Électrofuge 200-ND

Nettoyage industriel

Silicone based insulating, protective varnish. With UV tracer.

1. GENERAL DESCRIPTION

Insulating varnish for the protection of printed circuits, electrical windings and fixed assemblies, operational in humid conditions.

2. FEATURES

- Perfect insulation.
- Fast drying at ambient temperature and relative humidity. Can be accelerated in an oven.
- Excellent thermal conductivity.
- Resists to mechanical shocks.
- Allows soldering without the need to remove the protective film.
- Contains a UV tracer which gives a fluorescent blue reflection when exposed to UV rays.

3. APPLICATIONS

Multiple applications in electronic and electric industries, aerospace, automotive, marine, telecommunications.

4. DIRECTIONS

Before application of the Electrofuge 200, the parts to be treated have to be thoroughly degreased with Sitosec (ref.:1004/1006).

Aerosol: Shake well for at least one minute after the agitator ball is free. Spray Electrofuge 200 at a distance of 25 cm from the surface to be treated. Apply several thin cross coats. Avoid the varnish to drip off.

Brush or spray gun : It is recommended to dilute the product 5 to 20% with Thinner SE (ref 2008). Brush or spray carefully on the parts to be treated.

Dipping: Preferred technique to protect the underside of components for use in an aggressive environment. Dip and allow the excess of product to run off.

A safety data sheet (MSDS) according to EC Regulation N°1907/2006 Art.31 and amendments is available for all KF products.

CRC Industries France SAS
12, Bld des Martyrs de Chateaubriant – Z.I. du Val d'Argent – B.P. 90028
F-95102 Argenteuil Cedex. - France
Tél.: + 33 (0)1 34 11 20 00 Fax.:+ 33 (0)1 34 11 09 96
S.A au capital de 1.936.667 € - R.C.S. Pontoise B 391 513 314 – APE 515 L
www.crcind.com

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5. TYPICAL PRODUCT DATA (without propellant)

Aspect	:	liquid
Color	:	opaque, with UV tracer.
Recommended film thickness	:	20 to 40 µm
Bulk product:		
Density at 20°C	:	0.80 – 0,95 g/cm³
Viscosity	:	20 – 30 mPa.s
Solid content	:	34 – 38 %
Drying time at ambient temperature (RH 50%):		
Dry to touch	:	30 – 60 min
Fully cured	:	24h
Dry film properties after 24 curing at ambient temp (RH 50%) , coat weight 20 – 40 µm:		
Adhesion	:	0 – 1 Gt
Dielectric strength	:	≥ 80 kV/mm
Surface resistivity	:	≥ 1.10^{12} Ω
Transversal resistivity	:	≥ 1.10^{14} Ω.cm

6. PACKAGING

Réf. : 1411 - Aerosol 650 ml brut 400 ml net	Carton box 12 aerosols
Réf. : 2233 – canister 5 liters	piece
Réf. : 2080 – Thinner SE for varnish E200 - canister 5 liters	piece

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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