

VARNISH E 200

Technical Data Sheet

Product name: Varnish E200	Creation date: 14/06/2017	Version: 1.0
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Section 1 : General description

Protective varnish that seals for environmental influences. Use it on printed circuits boards and electrical windings. Recommended to cover solid contact assemblies.

Section 2 : Features

- Outstanding electric insulation.
- Fast drying at ambient conditions. Speed up the drying in an oven.
- Excellent thermal conductivity.
- Resists mechanical shocks.
- Allows soldering without removal.
- Contains a UV tracer for quick control by an UV light.

Section 3: Applications

Find applications in:

- the electronic/electric industries,
- aeronautic mainenance,
- off shore installations,
- telecommunication.

Section 4: Directions

Before application, the parts need thorough degreased.

- Shake well for at least two minutes after the agitating ball is free.
- Spray from 25 cm distance.
- Apply several thin cross coats.
- Avoid the varnish to drip off.
- After coating, clean the nozzle by spraying upside down till only gas escapes.

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



Section 5: Typical product data (without propellant)

Aspect	:	liquid
Color	:	opaque, with UV tracer.
Recommended film thickness	:	20 to 40 μm
Density at 20°C	:	0.80 – 0,95 g/cm^3
Viscosity	:	20 – 30 $\text{mPa}\cdot\text{s}$
Solid content	:	34 – 38 %
Drying time:		
Dry to touch	:	30 – 60 min (@ ambient) 3 – 4 hours at 60°C
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	:	$\geq 80 \text{ kV}/\text{mm}$
Surface resistivity	:	$\geq 1.10^{12}\Omega$
Transversal resistivity	:	$\geq 1.10^{14}\Omega \text{ cm}$

Section 6: Packaging

Aerosol 12x400 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.