CHETAK MANUFACTURING CO.
CENVAR B44
Insulating Varnishes  Finishing Varnishes  Impregnating Resins
Surface Coatings  Thinners
www.cenvar.com
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CENVAR B44
THERMAL CLASS B
FINISHING / COATING VARNISH
AIR DRYING
EPoxy MODIFIED
Processing Methods  
cenvar B44

Air Drying (curing at room temperature, preferably in open daylight).

Can be cured at elevated temperatures also.

For added protection, second coat can be applied, but after a minimum of 2hrs of drying.
Characteristics

- Epoxy Modified
- Single Component
- Wide Surface Coating & Insulating Applications
- Ideal for Hermetic, Marine & Chemical Applications
- Clear Film
- Resistant to moisture, chemicals, oils, etc.
- Low Viscosity (Ready to Use)
- Very Good Adhesion & Bond Strength
Curing Schedule...

8 to 10 hours at room temperature (preferably in open daylight conditions)

OR

2 hours at room temperature and then 2 to 6 hours at elevated temperatures (upto 100°C)
Comparision with Alkyd based system

Superior Protection Against

- Corrosive Atmosphere
- Chemicals & Solvents
- Oils
- Moisture
Specifications

- Viscosity @30°C: 30 ~ 50 secs
- Solids: 34 ~ 40%
- Appearance: Clear amber liquid
- Thinner Compatibility (With T44): 1 : 1
Cured Film Properties cenvar B44

- Colourless Film
- 3mm dia mandrel flexibility: OK
- < 100 mins Drying Time in Thin Film
- 200N Bond Strength at 25°C
- 1.5 x 10^{15} ohm-cm Volume Resistivity After 24h water immersion

- Thermal Rating by TGA: 150
- > 4.5 N/mm² Adhesive Strength
- 100 kV/mm Dielectric Strength @ 25°C
- 9.0 x 10^{16} ohm-cm Volume Resistivity @ 25°C
- 90 kV/mm Dielectric Strength After 24h water immersion
Applications

- Electrical Insulation Varnish
- Finishing Varnish
- Metal Surface Coatings
- Industrial & Protective Coatings
Application Areas

Insulation coatings of electric equipments such as motors, coils, transformers, etc.

Surface Protective coatings of printed circuit boards, laminates, stampings, tanks, etc.

Surface & Corrosion Protective coatings of industrial structures, machinery structures, pipes, steel surfaces, other metal surfaces, etc.

cenvar B44
SHELF LIFE: 12 MONTHS

THINNER: T44

PACKINGS:

21 KGS / 25 LITRES

180 KGS / 200 LITRES