

# SINGHAL PAINTS PRIVATE LIMITED

Off: N1-N6 Ancillary Estate Amausi Industrial Area, Nadarganj, Lucknow (UP)-226012 INDIA

## Sipco Golden Insulating Varnish

Sipco Golden Insulating Varnish is a Clear airdrying baking impregnating Synthetic resin based thermosetting type insulating varnish. This Golden Varnish has high thermal conductivity, good dielectric strength excellent mechanical, penetration and loading properties. Ageing by heat makes no loss of flexibility, mechanical or electrical properties. It can be used on wires coated with both Synthetic and Oil based wire enamels and there is no softening of enamels.

The finish obtained is extremely smooth and glossy and this varnish is recommended as protective, finishing and impregnating varnish. It can be applied by spraying, brushing or dipping.

### Physical Properties :

• Colour	:Transparent Golden
• Viscosity by Ford Cup B-4 at 30°C	:60±5 seconds.
• Flash point	:above 30°C
• Dielectric strength at 30°C	:80/KV/mm
Insulation resistance at 30°C	Volts me ohms /MIL
after immersion in water for 24 hours	300 0.85XJ 04 400 0.60XI 04 500 0.46XI
• Thinner Recommended	:If necessary for reducing the viscosity thinner T-501 can be used. Petrol (without lubricant) can also be used for dilution.
• Method of Application	:Varnish can be applied by brush, hot dip, spray, cold immersion or vacuum impregnation depending on the type of components. Viscosity for brushing should be 40-50 seconds and for spraying and impregnation 25-30 seconds.
• Drying Schedule	:Surface Dry 2 hours Tack Free 6 hours Hard Dry :10 hours Drying depends on ambient temperature and humidity.
• Stoving	:120°C-30 mts (thick film) 80°C-5 hours (for transformers, motors etc.)
• Uses	:This is recommended as a finishing and impregnating varnish for field coils, transformers, windings of motor etc.

The information given here is given in good faith but without warranty, since conditions of use are beyond our control.