



Anti-Corrosion

SV100

ELECTRIC SPRAY VARNISH

Electric Spray Varnish provides a tough, impervious insulating seal – ideal for components subjected to ‘difficult’ environments and high humidity. It is particularly suitable for improving leakage characteristics of terminal assemblies. Also seals off electrical leakage paths and has excellent resistance to transformer oils and moisture. Excellent noise reduction characteristics too. Dries rapidly to form a red coloured film.

When applied to cores before rewinding, significantly shortens rewinding time. It is highly effective in sealing potential leakage paths, including high voltage transformers and switchgear.

When cured, SV100 conforms to BS 5629 type 1.1 (IEC 85). Also, it is suitable for use in thermal Class B and F insulating systems, and has a low hazard fungicide included in the product’s formulation which gives it an ‘0’ rating (no growth) fungal resistance when tested to BS 3900 PTG6.

PRODUCT CODES / FILL SIZES



31892 / 400ml

APPLICATIONS

TYPICAL USES

- Protecting circuit boards
- Protecting transformers and other coils
- Protecting repaired or reworked jobs
- Insulating against humidity and other ‘difficult’ environments
- Improving leakage characteristics of terminal assemblies
- Noise reduction in small transformers
- Moisture protection
- Finishing varnish to stop tracking
- Tropicalisation on all types of electrical equipment

TYPICAL INDUSTRIES

- Electrical industry – transformer and motor manufacturing
- Motor repair/refurbishment
- Electrical assemblies
- Electrical switchgear and circuitry

DIRECTIONS

- Do not spray on to live electrical equipment.
- Apply to a clean, degreased surface.
- Shake can vigorously for about one minute after ball is heard.
- Spray object at about 30 cm (12 inches) at a minimum room temperature of 10°C. Do not apply excess amounts.
- When finished spraying, invert can and spray for a second to remove excess product from the spray head.
- Curing – Product can alternatively be heat cured at 80°C for two to three hours – the equivalent of 24 to 48 hours at ambient. This is particularly recommended for tightly wound, heavily taped or large components to reduce the risk of solvent entrapment.

TECHNICAL DATA (WITHOUT PROPELLANT)

Physical Appearance	Liquid
Colour	Red
Odour	Characteristic, Penetrating
Specific Gravity at 25°C	Not Available
Viscosity at 25°C	50 cPs
Flash Point, Closed Cup	-40°C
Boiling Range	142°C
Self Ignition Point	>250°C
Touch Dry 21°C	15 minutes
Handling time at 21°C	45 to 60 minutes
Full Cure, 21°C	24 to 48 hours
Breakdown Voltage, 20°C	4 kV/mm
Comparative Tracking Index	180
Flexibility	Pass 5mm mandrill

MATERIALS COMPATIBILITY

OK	-
CAUTION	-
NOT OK	-

STORAGE & SHELF LIFE

The product may be stored at normal ambient temperatures and has a shelf life of not less than 1 year with correct storage. Aerosols should always be stored below 50°C, away from direct heat and naked flame.

HEALTH AND SAFETY

A separate Safety Data Sheet (SDS) according to EC Regulation 73/404/EEC and 648/2004/EC is available from Ambersil.com or via info.uk@crcind.com

MISREPRESENTATION ACT 1967

TRADE DESCRIPTIONS ACT 1968

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