



Vappro VBCI-900 Clear Insulating Coating

COMPLIES WITH BS5629 COMPLIES WITH IEC85

Passed German VIA (Vapour Inhibition Ability) Test TL 8135-002

NATO STOCK NUMBER: 6850-32-076-1639

Quickly seals, insulates, waterproofs and protects electrical motor, Printed Circuit Board and electronic components

Description

Vappro VBCI-900 is specially developed to enhance operational readiness. It is listed in NATO Codification System, with assigned NATO Stock Number: 6850-32-076-1639.

Vappro VBCI-900, VCI clear insulating coating quickly seals, insulates, waterproofs and protects electrical motor and electronic components and yet allows visual inspection for the insulated parts. It provides extremely good protection in harsh and corrosive environment such as acids, alkaline, saline and solvent.

Vappro VBCI-900 dries to a flexible, tough, oil-proof film that protects electrical equipment. Specially formulated from Isophthalic alkyd for durable chemical resistance finishes with excellent electrical properties. Complies with BS5629, IEC85. It is rapid air-drying in thin film and can be stoved up to 80°C. Vappro VBCI-900 is compatible with most normal insulation systems.

Features

- Highly resistant to oils, moisture, acids, alkalines
- Outstanding adhesion
- Tough flexible crystal clear film
- Clear coating allows visual inspection on protected parts



- Multi-metals protection
- Does not contain nitrites, silicones or phosphates
- Vappro VBCI Inhibiting actions protect inaccessible and deep recessed areas



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Typical Applications

- Air-drying finish for coils
- Windings
- Insulating boards
- Mouldings
- Self-fluxing printed circuit board varnish
- Impregnation of small coils

Specific Application

For Protection of:

Armature and stator windings, Printed Circuit Board, High voltage circuits, commutator ends, coils.



Available Packaging

20 Litres & 200 Litres drum

Specifications

Viscosity BS 3900 Type **B4 Flow Cup** Poises

90 - 130 seconds at 21°C 2 - 2.5 at 25°C

Specific Gravity at 21^oC 0.94 - 0.98

Working Temperature up to 135°C

Flash Point (Abel Closed Cup) Above 23°C (73°F) (Label 22 - 32°C)

Curing Cycle Typical Figures*

Minimum Time At Temp Minutes 60 ٥C 20

Electrical Tests Test Temperature 20 °C

Breakdown Voltage

Volts/mil 1000 Volts/micrometre 39.4

BDV after 24 hours in water

Volts/mil 400 Volts/micrometre 15.8

*Stoving cycles depending on component size and oven efficiency.

Magna

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