VAPPRO®
VAPOUR CORROSION INHIBITOR
Your Corrosion Solution

# PRODUCT INFORMATION

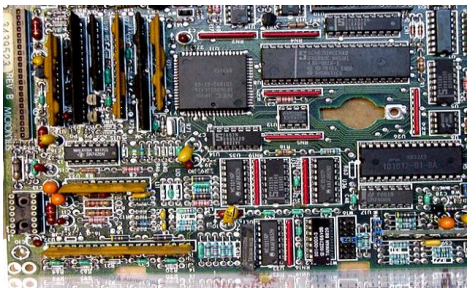
## VAPPRO 900
### VCI ELECTRICAL INSULATOR

| Function: | Application: | Form: |
|---|---|---|
| Vapour Corrosion Inhibitor (VCI) | Electronic /Electrical Parts | Aerosol |

## DESCRIPTION

### Quickly seals, insulates, waterproofs and protects electrical motor, printed circuit board and electronic components


***V*APPRO** is your key to operational superiority. **Magna** has successfully preserved military vehicles, weapons and weapon systems, optical and electronics equipment in Asia Pacific Region.



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

***V*APPRO 900**, VCI clear insulating coating quickly seals, insulates, waterproofs and protects electrical motor and electronic components, while allowing for visual inspection of the insulated parts. It provides extremely good protection in harsh and corrosive environments such as acids, alkaline, saline and solvent.

***V*APPRO 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$^{o}$C. ***V*APPRO 900** is compatible with most insulating systems.

## FEATURES

- Highly resistant to oils, moisture, acids, alkaline
- Outstanding adhesion
- Tough flexible crystal clear film
- Clear coating allows visual inspection of protected parts
- Multi-metal protection
- Protects inaccessible and deep recessed areas

## APPLICATIONS

- Air-drying finish for coils, windings, insulating boards, mouldings, etc.
- Self-fluxing printed circuit board varnish
- Impregnation of small coils, etc.
- Armature and stator windings
- Printed circuit board high voltage circuits, commuter ends and coils
- Wiring installations, metal, chrome parts, moisture-proof electrical connectors and battery terminals

## DIRECTIONS FOR USE

Hold the can 8-10 inches away from surface and apply a light coat. Do not coat on contact points.

## PACKING

- Case – 12 x 400g aerosol cans

| PHYSICAL PROPERTIES | |
|---|---|
| Viscosity | (BS 3900 Type B4 Flow Cup) 90 - 130 seconds at 21°C |
| | (Poises) 2-2.5 at 25°C |
| Specific Gravity | 0.94 – 0.98 at 25°C |
| Flash Point (Abed Closed Cup) | > 23°C (73°F) |
| Curing Cycle | 60 minutes at 20°C |
| | 20 minutes at 80°C |
| **Electrical Tests** | |
| Breakdown Voltage | 1000 Volts/mil (39.4 Volts/micrometer) at 20°C |
| Breakdown Voltage (after 24 hrs in water) | 400 Volts/mil (15.8 Volts/micrometer) at 20°C |

**North & South America**

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