



Product Name

METAL PROTECTIVE VARNISHES

Product Description

Metal protective varnishes are suitable for light alloys such as Magnesium and Aluminium. They are highly resistant to heat, corrosion, lubricants, hydraulic fluids and variations fuel. They are available in 3 versions, IP9140 is the clear dipping product, IP9149 the Aluminium spraying version and IP9155 the green tinted spraying version. Approved alternative to the Aerolac Metal Protective Varnish scheme. Used in conjunction with IP9165 and IP9166 as a Rolls approved Magnesium protective system.

Approvals

The original materials (IP9140 / IP9149 / IP9155 to MSRR9051) were released to AFS 1594 & DTD875A.

IP9140 – Clear

OMAT 712A
Alt to 1603-C-8070
VX1290A/70

CV113
RR Code 137960

IP9149 - Aluminium

OMAT 729B
Alt to 1603-A-8070
E3521

MP404
RR Code 137493

IP9155 - Green

OMAT 701A
Alt to 1603-C-2250
VX1290A/25 (was released
DTD900/4093)

MP405; NSN 8010-99-1512358
RR Code 137945

Performance

Tested to MSRR9051 on aluminium, magnesium and steel, this includes:

- 100 Hours at 220°C (430°F) heat resistant
- 3 Hours in Skydrol at 70°C (160°F)
- 100 Hours salt water fog at 35°C (95°F)
- 100 Hours immersion in aviation fuel
- 10 Cycles of 4 hours at 220°C (430°F) followed by 20 hours salt water fog

Application

IP9140 is designed for dipping. IP9149 and IP9155 are both spraying products.

Physical Properties

Mixing Ratio
Thinner
Supply Viscosity
Colour
Gloss Level
Film Thickness
Flash Point / Class / UN No
Pack Size
Shelf Life

One Part Product
IP9151
Ready for Use
As Above
Gloss
24°C / 3 / Paint UN1263
1 & 5 litre UN approved cans
12 months

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