



## Product Name

**HEAT RESISTANT CHROMATED PRIMER FOR  
MAGNESIUM AND OTHER METALS**

## Product Description

Heat resistant chromated primer for use either as a stand alone product or in conjunction with IP9188R2 or our IP9029 and PL163 as a system approved by Rolls Royce for protecting Magnesium against corrosion to temperatures up to 300°C (570°F).

First used on the Rolls Royce Viper engine in 1997.

## Approvals

MSRR9310. RPS 661/42

## Performance

This material passes the performance test for MSRR9310, tests include:

100 Hours at 300°C (570°F) dry heat  
100 Hours at 150°C (300°F) in Ester lubricants  
3 Hours at 70°C (160°F) in Skydrol  
100 Hours continuous salt spray

## Application

Spray application on wet coat to give a film weight of 50 to 85 grams per square metre. Flash off for 15-30 minutes then stove for 1 hour at 190°C (375°F). For maximum protection of Magnesium at high temperatures, use as primer coat with IP9029 and PL163 top-coat. Apply for RPS 661/42

## Physical Properties

Mixing Ratio	One part product
Thinner	IP9151
Supply Viscosity	65 seconds B4 Cup at 200°C (70°F)
Specific Gravity	1.23
Solid	52%
Colour	Chromate Yellow
Gloss Level	Semi-Matt
Film Thickness	
Flash Point / Class / UN No	41°C / 3 / Paint UN1263
Pack Size	5 litre UN approved cans
Shelf Life	12 months