



NEW HIGH HEAT RESISTANT LEAD FREE STOVING ALUMINIUM ALSO XYLENE AND TOLUENE FREE

IP CODE NUMBER: IP9029R2

PRODUCT DESCRIPTION

A few PL products are dual sourced, but there are many instances where Indestructible Paint company's technical development has provided improved alternatives. IP9029/R2 is one example. As a replacement for PL101, a higher heat resistant stoving enamel than PL101, and IP9139, with heat resistance increased from 500°C to 650°C, it also has superior thick film forming properties at up to 6 thou (150 microns). As part of the evolution of these high performance products, this has been developed xylene and toluene free for certain US applications, It has been warmly welcomed in America as being superior to the US spec TT-P-28 for corrosion resistance and resistance to Skydrol and gear fluid.

APPROVALS / REFERENCES / SPECS

MSRR9029,. OMAT 7/1A ; similar to BAEP 3519 (Pending PWA578F)
Alternative to AFS 977, PL101C2, E3746, 4863-A-8000.
Supersedes IP9139. And IP9029R1
Allied Signal / Textron, Alternative to Glyptal number 86009-P6430 & SSP501/502
Allison EMS 26710 Significantly superior to TT-P-28, but does not air dry.

PERFORMANCE

This material significantly exceeds the performance test for MSRR 9029, PWA 578, Textron, and TT-P-28 tests on steel include:

- 100 Hours at 650°C (1200°F) dry heat
- 100 Hours at 150°C (300°F) in Ester lubricants with 1000gm scratch resistance
- 3 Hours at 70°C (160°F) in Skydrol + 1000gram scratch (better than previous product)
- 100 Hours continuous salt spray
- 10 Cycles 220°C (430°F) 4 hours - 20 hours salt spray cabinet BSTM.B117

APPLICATION

Spray application, wet on wet coats to give film weight of 52-85g per square metre. Stove after 30 minutes flash off for 2 hours at 185-195°C (365-385°F). Apply for RPS 661/15 for full process spec.

PHYSICAL PROPERTIES

Mixing Ratio	One Part Product
Thinner	665-555-027
Supply Viscosity	25-30 seconds B4 cup at 20°C or 47 –57 secs ISO 4 Cup
Solids	41 +/- 2%
Colour	Aluminium
Gloss Level	Semi matt
Film Thickness	At least 6 thou
Flash Point / Class / UN No	41°C / 3 / Paint UN1287
Pack Size	1 & 5 litre UN approved cans
Shelf Life	12 months

23/25 Pentos Drive, Sparkhill, Birmingham B11 3TA; Tel: 0121 702 2485, Fax: 0121 778 4338
E-Mail: sales@indestructible.co.uk; Web: www.indestructible.co.uk