

# Technical Data Sheet



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**Product Name:**

Heat Resistant Sacrificial Coating

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**Product Number:**

PL177

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**Product Description:**

Corrosion resistant coating, touch up for IP9183 Ipcote, Sermetel W & WFX. For use with process A type Sermetel/Ipcote, for use on ferritic stainless steel aero engine and turbine components operating up to 600°C (1,115°F) and corrodible steel components up to 500°C (935°F), which are also subject to Skydrol, ester lubricants and sea water.

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**Approvals/Specifications:**

- MSRR 9141
  - OMat 7/47
  - RR Code 137770
  - ITP SMM-914
  - MIL-C-81751
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**Performance:**

Tested to Rolls Royce specification MSRR 9141, to include:

- 100 hours resistance to intermittent salt spray (8 hours on 60 hours off)
  - Dry heat at 600°C (1,115°F) for 100 hours
  - Lubricating oils – 100 hours at room temperature, 100 hours at 70°C & 100 hours at 150°C
  - Skydrol hydraulic fluid – 100 hours at room temperature, 100 hours at 70°C
  - Methanol 100 hours at room temperature
  - Water and Methanol mix – 100 hours at room temperature
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**Components:**

Single Pack Product. May be thinned for application using water.

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**Application:****Surface Preparation:**

Degrease and abrasive blast prior to application

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<b>Paint Preparation:</b>	Ensure product is well stirred/ rolled before use and that there is no settlement
<b>Application Method:</b>	Stir coating during application. Use a Devilbiss Transtech Compliant Spray Gun with 1.6mm material nozzle equivalent.
<b>Drying Curing:</b>	Air dry for 1 hour; then cure for 1 hour @ 150°C (300°F) – refer to RPS 666/1 for additional details.  Clean gun and equipment with water

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## Technical Properties:

<b>Supply Viscosity:</b>	Ready for Use
<b>Flash Point:</b>	N/A
<b>VOC Content:</b>	N/A
<b>Colour:</b>	Light Grey or Silver
<b>Pack Size:</b>	1 Litre Containers
<b>Density:</b>	1.530+/- 0.020kg/l
<b>Gloss:</b>	Matt
<b>Thinner:</b>	Water
<b>Solvent/Clean Up:</b>	Water
<b>Catalyst:</b>	N/A
<b>Theoretical Coverage:</b>	13 sq m/litre @ 25 microns

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**Storage:** Highly flammable liquid: store and use in accordance with the flammable liquid regulations

**Shelf Life:** 12 months temperate; 6 months tropical

**Before use, refer to Product Safety Data Sheet**

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## Safety Data Sheets:

For Safety Data Sheets please contact our Sales Department:

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