Technical Data Sheet

Product Name: Heat Resistant Sacrificial Coating

Product Number: PL177

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.

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

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

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

Application:
Surface Preparation: Degrease and abrasive blast prior to application
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Paint Preparation: Ensure product is well stirred/rolled before use and that there is no settlement

Application Method: Stir coating during application. Use a Devilbiss Transtech Compliant Spray Gun with 1.6mm material nozzle equivalent.

Drying Curing: 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

Technical Properties:

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

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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