

Technical Data Sheet



Product Name: Tungsten DiSulphide Dry Film Lubricant

Product Number: IP3016

Product Description: Resin bonded Tungsten DiSulphide dry film lubricant designed for running at temperatures up to 400°C. Originally designed for protecting “bird mouths” on Trent 700 and Trent 800 enines, applied over HVOF.

Approvals/Specifications: MSRR 3016
OMat 4/80

Performance: Temperature Resistance: 1000hrs @ 400°C on steel
Rubbing Wear Test (MSRR9910; test 21) pass

Components: Single pack product: may be thinned with 665-550-025 or IP985-Reducer

Application:

Surface Preparation: Ensure surfaces are clean, dry and dust free. Minimum treatment: degrease. Wet abrasive blast with 280/500 mesh aluminium oxide grit, chemical conversion coating or anodise, depending upon substrate

Paint Preparation: Stir thoroughly before use. Can be thinned with maximum 10% thinner; 665-550-025 or IP985-Reducer

Application Method: Apply 1st coat by spray: allow to flash off for 20 mins then part cure 190±8°C for 45 minutes minimum. Allow to cool. Apply 2nd coat by spray: allow to flash of for 20 minutes. Fully cure 190±8°C for 2 hours minimum. Refer to R-R process specification RPS 661/53
Recommended DFT: 8-30 microns from two coat process

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Drying Curing:

1st coat part cure: 45 minutes @ 190±8°C
2nd coat full cure: 2 hours minimum @ 190±8°C

Technical Properties:

Supply Viscosity: 35-40 seconds/ISO 3 cup/23±0.5°C
Flash Point: >23°C; <32°C
VOC Content: 689 gms/litre
Colour: Grey
Pack Size: 1 litre & 5 litre containers
Density: 1.192gms/ml
Thinner: 665-550-025 or IP985-Reducer
Solvent/Clean Up: 40006 Gunwash or recommended thinner
Theoretical Coverage: 17m²/litre at nominal 15 micron DFT

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:

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