

Technical Data Sheet



Product Name: Dry Film Lubricant

Product Number: PL470

Product Description: PL470 is a quick drying Molybdenum Di-Sulphide Dry Film Lubricant

Approvals/Specifications:

- OMat 4-70
- Co-Mat 04-016
- MSRR1141

Performance: PL470 has been tested for chemical resistance; quick drying and lubricity.
Resistant to Oils, Grease and Aqueous Cleaning Fluids.

Application:

Surface Preparation: Refer to the instruction sheet contained within the kit and TSD 70-00-00-900-335-A06

Clean the blade roots of any debris using the specifically designed scraper in the kit. Degrease scraper in the kit. Degrease surfaces with IP9064-TDXL or Re-Lube Kit approved cleaner for use with PL470

Paint Preparation: Supplied ready for use with OMat 4-70 Series Kit
Shake Bottle Vigorously for 2-5 minutes before use
Thinner / Reducer Addition: IP9064-TDXL Thinner

PL470 is a thick product that requires thorough mixing to give a fluid appearance. A lumpy appearance can be observed upon emptying a PL470 bottle without mixing it fully.

The thick character of the PL470 product means that the components that make up the PL470 Dry Film Lubricant final coating do not settle or separate on storage. PL470 ages to give an appearance of thickening. It is this thickening that is broken up with thorough stirring. Some operators obtain a suitable fluid consistency by shaking the PL470 bottles only. It is acceptable to mix PL470 with a flat spatula in the original container or to decant the PL470 into a more open container to facilitate mixing with a flat spatula or mechanical paddle stirrer.

Application Method:

Refer to the instruction sheet contained with the kit and TSD 70-00-00-300-355-A06. Dip the applicator pad in the PL470 and drag through the blade root, which applies the dry film lubricant.

Drying Curing:

Will air dry in ambient temperatures (15-25°C) within 30 minutes. Formulated to dry below freezing point, but drying time will be extended. Ensure free air flow to facilitate correct drying conditions.

Technical Properties:

Supply Viscosity:	3500-4500 cP @ 23°C
Flash Point:	18°C
VOC Content:	584 g/l
Colour:	Dark Grey / Black
Pack Size:	100ml (plastic bottles)
Density:	1.34 ± 0.02kg/l
Gloss:	Semi-Matt
Thinner:	IP9064-TDXL
Solvent/Clean Up:	40006
Catalyst:	N / A
Theoretical Coverage:	6m ² / Litre at 50 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

Disclaimer:

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Safety Data Sheets:

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