

SLICKOTE DRY LUBE 100

Solid Film Lubricant, AS5272 Ty 1 / MIL-L-46010E Ty 1

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DESCRIPTION:		
Slickote Dry Lube 100 is a heat cured, resin bonded solid film lubricant coating which meets the requirements of AS5272 TY 1 / MIL-46010E Type 1.		
INTENDED USE		
To reduce wear and prevent galling, corrosion and seizure of metals.		
Where conventional lubricants are difficult to apply or retain, or where other lubricants may easily be contaminated with dirt or dust.		
For sliding motion applications such as plain and spherical bearings, flap tracks, hinges, threads, and cam surfaces.		
Where temperature ranges are from -68 deg C to 204 deg C, intermittent exposure to 260 deg C.		
When mechanisms are operated at infrequent intervals or are lubricated for life.		
Where long term corrosion protection is required under static conditions.		
Where solvent resistance is required.		
Where extreme heavy loaded lubrication is required including initial startup of heavy loaded mechanisms designed for fluid lubrication.		
As a touch up to worn surfaces previously coated with solid film lubrication.		
PREPARATION		
Metal Preparation: All surfaces must be thoroughly cleaned, degreased, free of rust, oxides or other surface impurities.		
<u>Recommended Pretreatments:</u>		
Aluminum- Anodize and seal iaw MIL-A-8625, Type 1 or 2 or 3, Class 1 (non-dyed).		
Steel- Abrasive clean (180-220 grit aluminum oxide) and phosphate coat iaw DOD-P-16232 type M or Z, Class 3.		
Stainless Steel- Abrasive clean (120 grit aluminum oxide) and Passivate iaw AMS QQ-P-35.		
Titanium- Abrasive clean (180-220 grit aluminum oxide) and alkaline anodize.		

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APPLICATION

- 1) Mix well in mechanical paint shaker.
- 2) Concentrate only: Reduce with Slickote Reducer 2:1 or (50/50 mix of Ethanol & Methyl Ethyl Ketone).
- 3) Apply with spray gun, brushing or dipping to .008 mm to .013 mm coating thickness (.0002 to .0005 inch).
- 4) Air dry for thirty minutes.
- 5) Heat cure, 150 deg C (300 deg F) for 1 hour.

Physical Properties

Color: Grey

Dilution: Concentrate Only, Reduce with Slickote Reducer 2:1 by volume or (50% mix Ethanol & Methyl Ethyl Ketone).

Wt/Gal: 9.7 Lbs./gal.

App. Temp: Ambient (<90 deg F)

Cure: 300 deg F for 1 hour

Shelf Life: 1 year from date of manufacture

Storage: Store in closed container. Store between 32 deg F and 75 deg F

VOC: Concentrate: 690 g/l, Ready to apply: 725 g/l

Solids: Concentrate: 38-42%

Do not use in food processing or handling equipment or surfaces with food contact. Use only in well ventilated area or hood where no flames or other ignition sources are present.

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