

# SLICKOTE DRY LUBE 100

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

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<b>DESCRIPTION:</b>		
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.		
<b>INTENDED USE</b>		
<p>To reduce wear and prevent galling, corrosion and seizure of metals.</p> <p>Where conventional lubricants are difficult to apply or retain, or where other lubricants may easily be contaminated with dirt or dust.</p> <p>For sliding motion applications such as plain and spherical bearings, flap tracks, hinges, threads, and cam surfaces.</p> <p>Where temperature ranges are from -68 deg C to 204 deg C, intermittent exposure to 260 deg C.</p> <p>When mechanisms are operated at infrequent intervals or are lubricated for life.</p> <p>Where long term corrosion protection is required under static conditions.</p> <p>Where solvent resistance is required.</p> <p>Where extreme heavy loaded lubrication is required including initial startup of heavy loaded mechanisms designed for fluid lubrication.</p> <p>As a touch up to worn surfaces previously coated with solid film lubrication.</p>		
<b>PREPARATION</b>		
<p><b>Metal Preparation:</b> All surfaces must be thoroughly cleaned, degreased, free of rust, oxides or other surface impurities.</p> <p><u>Recommended Pretreatments:</u></p> <p>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.</p>		

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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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