



# MapleSolutions

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## **TECHNICAL BULLETIN**

### **STATEMENT OF USE**

**MA-LUBE® STK** represents an engineering advancement in a cold applied lubricant for the kiss-roll finishing of sewing threads. The product is especially suited for bonded, textured and spun polyester thread and allows for very efficient sewing results, even under high speed conditions.

### **TYPICAL PROPERTIES**

Chemical Composition	Proprietary blend of silicone fluids and hydrocarbons
Appearance	Clear to slightly hazy liquid
Activity, %	Approx. 100
Viscosity, cps (72° F)	265 ± 35
Solubility	Not water soluble
Density, lb/gal	Approx. 7.3

### **ADVANTAGES**

- **MA-LUBE® STK** provides the yarn an excellent heat shield effect to prevent softening of synthetic yarns, even at a high rate of stitching.
- The frictional properties of **MA-LUBE® STK** are excellent. The treated sewing thread runs through the thread guides and tensioning devices with low peak tension. The static friction is optimally reduced.
- The colorfastness is not impaired and no bleeding, particularly with polyester yarns, will occur on dark colors, if properly reductive cleared.
- Due to the chemical and physical composition of this lubricant, there is only minimal migration of the product on the yarn, both within the cone and within the seam. This minimal migration allows for an extended shelf-life of the thread and non-staining in the seam.

### **APPLICATION**

- Apply **MA-LUBE® STK** undiluted by means of a kiss roll during rewinding.
- For finishing of sewing threads made from polyester, polyamide, cotton or their blends, 4% on-the-weight-of-the-goods (o.w.g.) of **MA-LUBE® STK** is recommended for general use. For the most difficult sewing problems, the level may have to be increased as much as 8% o.w.g.

### **PACKAGING**

Available in returnable drums.

### **PHYSIOLOGICAL DATA**

**For Industrial Use Only:** The usual precautions in keeping chemicals from the eyes and skin and avoiding ingestion and prolonged inhalation of vapors should be observed.

While every care has been taken to ensure the accuracy of the information contained in this publication, no warranty or liability will be accepted as the conditions of usage are beyond our control. Product specifications can be provided upon request.

Our Technical Sales Department is available to assist customers in preparing formulae and procedures to suit their specific requirements. Production trials are recommended to determine effectiveness. Process information submitted by our customers will be treated in confidence.