

## LK-SOF 99

**LK- SOF 99** is **micro emulsion of Amino modified silicone fluid** those gives excellent elastic properties and bounce, excellent softness with durability and novel handle.

### FEATURES

- Gives an excellent soft handle
- Resistant to washing and abrasion
- Micro emulsions are dilution stable
- Give an elastomeric film
- Emulsion Stable in up to 600-ppm hard water and 0.1% electrolyte.
- Antistatic
- Excellent bounce and wrinkle recovery

### APPLICATIONS

LK- SOF 99 can be used in textiles & leather to generate elastomeric feel, soft handle, suppleness & silky finish that is capable of withstanding repeated washing cycles. They are especially useful for cotton, saris, suiting, etc to impart softness, bounce and body to the fabric. Choice of fluid depends on type and degree of softness required and colouration.

### PRODUCT SELECTION GUIDE

**LK- SOF 99** emulsion is recommended for an excellent balance of surface softness and bounce It finds more application in white colour cloths because it's non yellowing nature.

### Product Data-Chart

Product Name	Appearance	Viscosity @ 25 Deg.c. (in cps)	PH	% Solid Content (110°C 1 hr)
LK –SOF 99	Clear transparent liquid with slight bluish tinge	200 max.	6 – 8	28 – 32

### SUGGESTED APPLICATION METHOD AND FORMULATION

Micro-emulsions are recommended for Exhaust and padding. The most suitable diluent for the micro emulsion is Water.

**Padding:** An amount equivalent to 0.2 to 2 grams per liter active LK ASF fluid (1 litre of 20% micro emulsion in 100 liters water gives 1.2 grams active or 2 grams solids per liter) should be added to the padding bath depending on the fabric and feel desired for 15-20 minutes. Fabric should then be dried and cured at 160-180°C for 40-60 seconds For exhaust 5 grams per liter active LK-ASF fluid .

### PACKING

50 kg H.D.P.E. carboys and 200-kg drums.

### SHELF LIFE

Nine months in the original container.

## STORAGE & HANDLING

It is recommended that normal safety precautions (hand gloves & safety goggles) be taken while handling the product. The material should be stored in original ELKAY containers in a cool place and protected from direct exposure to sunlight.

The information provided to the customers in this data sheet is intended as a guideline and is provided in good faith. The Information is believed to be accurate. Changes may occur from system to system as methods of use and conditions are beyond our control, hence **users are requested to evaluate the recommendations before actual application to get desired performance.**

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