

# LIONPROOF SP-1

## **COMPOSITION:**

A silicone / polymer emulsion for use in making waterproof leathers. For best results it should be fixed with a metal salt after application.

## **SPECIFICATIONS**

Appearance	White Liquid / Paste
Activity	45 – 55%
Charge	Anionic
Density (Lb/Gal)	7.5 – 8.5
pH (10% Solution)	8.0 – 9.0
Storage Stability	1 Year at room temperature Optimum storage temperature is between 15°C and 30°C.
Freeze/Thaw Stability	Sensitive to Freezing. Do not store below 5°C.
Lightfastness	Good
Electrolyte Stability	Fair
Emulsification	Mix before use. Readily soluble in warm water. Mix 1:1 with warm water until homogeneous Emulsify to 1:4 at 30°C to 60°C

## **KEY PROPERTIES:**

Lionproof SP-1 is a single product waterproof system with excellent hydrophobic properties to give softness and water proofing with enhanced Maeser flexes > 60,000 flexes..

- Waterproofing fatliquor for chrome tanned leathers.
- High Maeser flexes achieved.
- Promotes Low water absorption.
- Can be used on dyed or white leathers.
- Used as a topping oil to increase surface water resistance.

## **APPLICATIONS:**

Recommended usage is 4% to 12% on Blue shaved weight.

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