

# Tannin™ Has It.

## LIONPROOF SP-1

[tannincorp.com](http://tannincorp.com)

### 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 – 9.5
Storage Stability	One 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 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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