

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.

The Supplier makes no warranty of any kind, expressed or implied, concerning this product or its use. The user assumes all risk of use or handling, regardless of whether the same is in accordance with the direction or suggestion of the supplier.

APPLICATIONS:

All percentages based on Blue Shaved Weight

Topping oil	2.0% - 4.0% Lionproof SP-1 Cap with 2.0% - 4.0% Metal Salts
Waterproof Shoe Upper	6.0% - 12.0% Lionproof SP-1 Cap with 2.0% - 4.0% Metal Salts