

# LIONCRYL AR-48

## **COMPOSITION:**

An acrylic polymeric syntan

## **SPECIFICATIONS**

Appearance	Light Yellow Liquid
Activity	28-30%
Charge	Anionic
Density (Lb/Gal)	8.0 (± 0.2)
pH (10% Solution)	5.5 – 6.5
Storage Stability	1 Year at Room Temperature Optimum storage temperature is between 15°C and 30°C.
Freeze/Thaw Stability	Not Sensitive to Freezing. After freezing heat to 25°C to 30°C and mix well until homogeneous.
Lightfastness	Good
Electrolyte Stability	Good
Emulsification	Mix before use. Readily soluble in warm water. Emulsify 1:4 at 40°C to 60°C

## **KEY PROPERTIES:**

Lioncryl AR-48 is an excellent all purpose acrylic syntan for use in making numerous types of leathers where a round handle and tight grain are required. Leathers produced using Lioncryl AR-48 exhibit excellent softness and produce leathers with a low density and fluffy feel. This versatile product is an excellent choice for use in all types of milled, soft leathers.

- Round, Well Filled Handle.
- Tight, Full Grain
- Excellent Softness with Low Density
- Excellent for All Milled Leathers
- Good pH Stability.
- Excellent Heat & Light Resistance.
- Low Fogging.

## **APPLICATIONS:**

All percentages based on Blue Shaved Weight

Prefat	1 – 2% Lioncryl AR-48 with Neutralization
Retanning	2 – 4% Lioncryl AR-48 with Vegetable Retanning
Milled, Pebbled Grain Leathers	4 – 6% Lioncryl AR-48
Furniture Upholstery Leathers	2 – 4% Lioncryl AR-48
Full Grain Nappa Leathers	4 – 8% Lioncryl AR-48 with 3 – 6% Lioncryl AR-21
Sheep, Goat and Calf Leathers	2 – 8% Lioncryl AR-48
Deerskin Leather	4 – 6% Lioncryl AR-48