

TECHNICAL BULLETIN

ULTERION® 499 LC

ACRYLIC EMULSION COATING

PERFORMANCE FEATURES

- Garment affects and handle
- Water resistant non-woven
- Exceptional softness
- Binder for textiles

Product Description

Ulterion® 499 LC is a formaldehyde free anionic acrylic emulsion designed for textile applications where a soft, heat reactive binder is required. It is recommended for applications requiring durability and a high degree of hydrophobicity.

Garment

Denim treated with *Ulterion® 499 LC* in combination with *Ulterion® 8080* exhibit excellent durable press properties that can add enhanced fashion affects to the garment. A melamine Crosslinker can be used to induce more permanence and resilience to the treatment.

Binder

Ulterion® 499 LC is an excellent low Tg binder for textile applications that can be formulated with flame retardants and other *Ulterion* functional polymers to provide a wide variety of properties to fabric.

Exceptional Softness

Fabrics treated with the dispersion of *Ulterion® 499 LC*, feel exceptionally soft and supple.

Typical Properties

% Solids	49
pH	3.0 – 4.0
Charge	Anionic
Appearance	Milky white liquid
Specific gravity	1.06
Viscosity (cps)	550
Origin	USA

MARKET USES

- Denim finishing
- Textile back coatings
- Textile finishing

Application Methods

For Garment, *Ulterion® 499 LC* can be spray applied for desired effects.

Ulterion® 499 LC can be custom formulated for various paper and textile applications and act as a stand-alone binder as well. In some cases it can be coated by, rod, blade, and pad roll applicators.

Handling / Storage Stability

Dispersions of *Ulterion® 499 LC* should be stored between 20°C and 35°C to insure maximum shelf life. For best results, this emulsion should be used within six months.

For spills of dispersed *Ulterion® 499 LC*, sprinkle sawdust or vermiculite over the spill area and sweep the material into approved chemical disposal containers

Product Safety

When considering the use of **Ulterion International** products, please refer to the latest Material Safety Data Sheets (MSDS). If you require an MSDS for this product; please call (706) 654-2222 or your **Ulterion International Representative**.

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