



PERFORMANCE FEATURES

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

Product Description

Ulterion® MA4189 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® MA4189** in combination with **Ulterion® 8080 LF** exhibit excellent durable press properties that can add enhanced fashion affects to the garment. A melamine cross-linker can be used to induce more permanence and resilience to the treatment.

Binder

Ulterion® MA4189 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® MA4189**, feel exceptionally soft and supple.

Typical Properties

Appearance	Milky White
Solids, %	49
pH	2.0 - 4.0
Viscosity, cPs	~2,000
Density	1.05
Origin	USA

MARKET USES

- Denim finishing
- Textile back coatings
- Textile finishing

Application Methods

For garment, **Ulterion® MA4189** can be spray applied for desired effects.

Ulterion® MA4189 can be custom formulated for various textile applications and act as a stand-alone binder as well. In some cases it can be coated by blade and pad roll applicators.

Handling & Storage/Stability

Dispersions of **Ulterion® MA4189** 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® MA4189**, 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®** brand products, please refer to the latest Safety Data Sheets (SDS). If a SDS for this product is required, please contact your **Jain Chem Representative**.

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