

High Performance Polyurethane & Acrylic Emulsions

Binders for TEXTILE Industry

- Printing - Woven and Stretch Fabric
- Fabric Super Finishing
- Textile Flocking

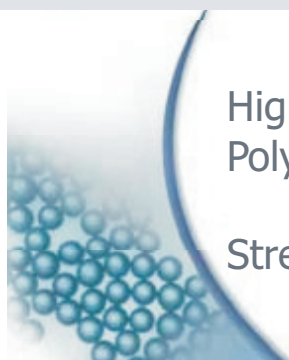


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An Italian Joint Venture
With ICAP SIRA, Italy

HARYANA
LEATHER CHEMICALS LTD.



High Performance Micro-fine Polyurethane Emulsions

Stretchability.

Durability.

Fastness.



► UREZ Stretch (363-02)

Highly durable Pigment Printing | Stretch Fabric

Properties

- Aqueous aliphatic polyester polyol PU-based binder
- High degree of Stretchability
- Excellent film forming characteristics
- Superior to conventional acrylic or butadiene ester copolymer emulsions

Product Use

- Ideal for T-SHIRT printing and leisure wear
- Printed Design remains Stretchable, without Cracking
- Can be used for printing on natural and synthetic materials—cotton, nylon, silk, wool, viscose rayon
- Maintains aesthetic appeal during stretch

Specifications

Solid	pH	Viscosity	Film
40 %	8.0 – 9.0	80 cps	Transparent & Soft

Application ► Use Clear-Base coat and Screen printing. Read our Textile Application Guide for further details.

► UREZ Flock (373-04)

Flock Binding | Synthetic and Blended Fabrics

Properties

- Aqueous aliphatic polyester polyol PU-based binder
- High tensile strength provides high durability
- Excellent wash-fastness
- Good body and handle on flocked fabric

Product Use

- Ideal for Binding Flock on cotton, nylon, viscose rayon based fabrics
- Durable flocks

Specifications

Solid	pH	Viscosity	Film
25%	7.5 – 8.5	20 cps	Transparent & Soft

Application ► Use roller-coating. Read our Textile Application Guide for further details.

► UREZ Fin (374-13)

Refinishing to Enhance Properties

Properties

- Aqueous aliphatic polyester polyol PU-based binder
- High tensile strength and stretchability
- Excellent film forming characteristics

- Good body and handle for finished fabrics
- Excellent Wash-Fastness, resistant to dry cleaning
- High Crease-Resistance
- Durable finish

Specifications

Solid	pH	Viscosity	Film
24 %	8.0 – 9.0	20 cps	Transparent & Soft

Application ► Use Dip-padding. Read our Textile Application Guide for further details.

Textile Application Guide can be found at <http://www.leatherchem.com/English/pdf/textile-application.pdf>

Disclaimer. The technical data and specifications illustrated in this brochure may change without notice and are not binding on us. The actual application results and values of peel and sheer strength may vary according to local conditions and machinery on which the substrates are coated. The user is required to test the real application and suitability.

Conventional Acrylic Emulsions

▶ **ACRYTEX 330** Khadi Printing of Cotton | Synthetic and Blended Fabrics

Textile printing binders based on styrene and Acrylates, which find use in pigment and khadi printing of cotton, synthetic and blended fabrics. ACRYTEX 330 can be thickened by the conventional methods using kerosene or acrylic thickener.

Specifications	Solid	pH	Viscosity	Film
	35 %	5.0 – 6.0	50 – 100 cps	Transparent & Soft

▶ **ACRYTEX 333** Khadi Printing of Cotton | Synthetic and Blended Fabrics

Textile printing binders based on styrene and Acrylates, which find use in pigment and khadi printing of cotton, synthetic and blended fabrics. It can be thickened by the conventional methods using kerosene or acrylic thickener.

Specifications	Solid	pH	Viscosity	Film
	40 %	5.0 – 6.0	50 – 200 cps	Transparent & Soft

▶ **ACRYTEX 444 (Chintz)** Gold/Silver Printing | Khadi Printing of Cotton | Synthetic and Blended Fabrics

A self cross-linking polymer emulsion recommended for use in Gold/Silver printing, khadi printing of cotton on synthetic & blended fabrics etc.

- Imparts softness, good scrub resistance and wash fastness to printed fabrics
- High solids, water dilutable, easy to use, and can be thickened with Kerosene.

Specifications	Solid	pH	Viscosity	Film
	45 %	5.0 – 6.0	50 – 200 cps	Transparent & Soft

▶ **ACRYTEX 555** Stiffening | General Finishing

A self thickening and self cross linking water based acrylic emulsion and is suitable for both flocking and printing applications. It can be thickened with Ammonia by adjustment of pH to about 8-9, which enables adjustment of rheological properties. It gives brilliant prints with higher color value.

Specifications	Solid	pH	Viscosity	Film
	45 %	2.5 – 3.5	50 – 200 cps	Transparent & Soft

▶ **ACRYTEX EML** Khadi Printing of Cotton | Synthetic and Blended Fabrics

A polyvinyl acetate based emulsion polymer specially formulated for finishing cotton fabrics. It is recommended for mixing in Khadi printing paste where stiff finish is required. It imparts stiffness to the body of the fabrics.

Specifications	Solid	pH	Viscosity	Film
	40 %	4.5 – 6.0	250 – 500 cps	Transparent & Soft

▶ **RESINA 60** Thickening/ Rheology Modifications

A water based acrylic thickener which can be thickened with ammonia, and suitable for various textile applications, flocking and pigment printing etc.

Specifications	Solid	pH	Viscosity	Film
	30 %	2.5 – 3.5	15 – 25 cps	Transparent & Soft

Haryana Leather Chemicals Ltd, a joint venture company with ICAP-SIRA Italy presents its latest and comprehensive range of high performance Polyurethane and Acrylic Emulsions for the textile industry. These emulsions allow textile printing, finishing and flocking processes to achieve remarkable performance level in producing fabric having high wash fastness, scrub resistance and solvent resistance.

Our new generation polyurethane dispersions together with conventional acrylics range make our UREZ and Acrytex series ideal and indispensable for Textile Industry.

With commitment to service and unsurpassed product quality, there is no competition to our specialized textile binders. Our resolve to follow the ISO 9001:2008 quality system further makes our products the first choice for the textile industry, worldwide.



Responsibility

Reliability



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