

Redefining expectations from Acrylics - Innovation 2019

Tougher in performance - yet gentler on environment



At HARYANA we're investing significant resources in developing new products and technologies that will help tanners find smart ways to use Acrylic Polymer dispersions in retanning and coating to produce highly demanding leathers more efficiently - without stressing the environment by VOC. The following pages present Next-Gen Acrylic Retanning Agents and Binders developed by deploying new materials, new cross linkers, new molecular weight regulators and chain terminating agents. We have also redefined and reinforced our test protocol. These products represent a significant step forward in achieving a wider pH working range in retannage, higher Cold Crack resistance, very high softness, improved feel and fastness.

HARYANA
LEATHER CHEMICALS LTD.

www.leatherchem.com

AN ITALIAN JOINT VENTURE COMPANY IN INDIA

Innovations at a glance

- **TAN-CRYL HF** - Polymeric Retanning Agent
Unmatched PH tolerance - not acid sensitive
- **TUF-CRYL DX** - Performance Acrylic Binder
Excellent Cold Crack performance (-25°C) for high flexometer values
- **TUF-CRYL VSF** - Plasticizing Acrylic Binder
Very Soft Film - exceeds any previous standards
- **UPHIN 21 WX** - Compact Binder with waxy - oily touch
Designed for extremely soft upholstery nappa and clothing leather



Borderless Chemical Engineering Science

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TAN-CRYL HF

Polymeric Retanning Agent

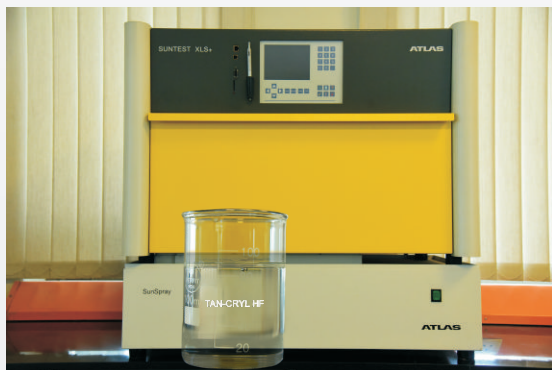
Product Code P1688

Benefits

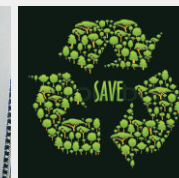
- Unmatched PH tolerance - not acid sensitive
- Best in class chrome absorption
- Important component in Wet - White production
- Excellent light and heat resistance
- Highly efficient in filling flanks, belly, shoulder
- Imparts an extremely fine grain pattern
- Acts firmly on facial surface to yield much cleaner face
- Used without any restriction even after freezing/thawing
- Raises shrinkage temperature of wet white
- Free from NEP and NMP

Application

- Extremely fine grain leather
- Important for Wet-white
- Improved Chrome exhaustion



Competes with Relugan RF of BASF



100% REACH Compliant
Low VOC



TDS



MSDS



SAMPLE



PRODUCTION

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TUF-CRYL DX

Performance Acrylic Binder

Product Code P1697

Benefits

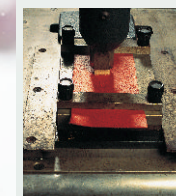
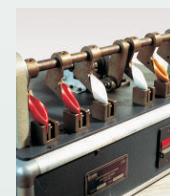
- Excellent Cold Crack performance (-25°C) for high flexometer values
- Designed for automotive and furniture leather
- Gives finishes a good fill
- Excellent plate release, excellent print retention
- Completely resistant to yellowing
- Improved anti-soiling properties
- Extended pot life

Application

- Auto/ Furniture leather
- High value garments
- Softy upper



Competes with Corial Binder DN of BASF



100% REACH Compliant
Low VOC



TDS



MSDS



SAMPLE



PRODUCTION

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TUF-CRYL VSF

Plasticizing Acrylic Binder

Product Code P 1660

Benefits

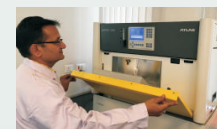
- Very Soft Film - Exceeds any previous standards
- Non Tacky - highly stretchy and clear film
- Ideal as plasticizing component in bottoming
- High water resistance
- Excellent response to embossing
- Free from NEP and NMP

Application

- Garment
- Gloving
- Bags



Competes with Corial Binder FB-OHN of BASF



100% REACH Compliant
Low VOC



TDS



MSDS



SAMPLE



PRODUCTION

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UPHIN 21 WX

Compact Binder

Product Code P1696

Benefits

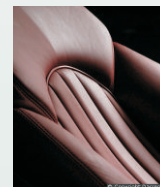
- Designed for extremely soft upholstery nappa and clothing
- Tack -Free, imparts a unique natural waxy-oily touch
- Prevents overloading of grain
- Excellent response to embossing sharp contours and small pattern
- Provides an extremely natural aspect to the finish
- High fastness levels
- Excellent Cold Crack performance
- Free from NEP and NMP

Application

- Upholstery nappa
- Soft Buffed
- Soft Nappa



Competes with Lepton Binder LB-GU of BASF



100% REACH Compliant
Low VOC



TDS



MSDS



SAMPLE



PRODUCTION

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