

## TUF-CRYL DX

## Characteristics of Emulsion

Appearance	: Off white emulsion
Solid Content	: 40 ± 1%
pH (without dilution)	: 6.0 ± 0.5
Charge	: Anionic
Viscosity	: 40 - 150 cps
Nature	: Glossy binder
Mechanical Stability	: Good
Reaction with Ammonia	: Slight thickening

## Characteristics of Film

Appearance	: Transparent
Tensile Strength	: 2.2 Mpa
Elongation	: 800%
Gloss	: Glossy
Shore 'A' Hardness	: 20 (Zwick/Roell)
Sticking Level	: Low
Light Fastness	: Good

## REACH COMPLIANT



## Green-Trek- Compliant

a symbol of our commitment to sustainable technologies

Storage : Store between +5 °c to 35 °c in original pack, well-sealed & stored.  
Shelf-life : Product is stable for 6 months from the date of production / Invoice.



Non flammable

Avoid direct contact with skin



Prevent from freezing

Use Gloves / Ensure Ventilation



A soft acrylic binder designed for excellent Cold-Crack performance, good fill, anti-soiling properties and high flexometer values. Free from NEP and NMP

TUF-CRYL DX is tough in performance when leathers require excellent Cold-Crack properties (-25° C), plate release and high flexometer values. Pastel colour leathers finished with DX also exhibit higher resistance to yellowing when compared with conventional acrylics.

Finishing seasons containing TUF-CRYL DX have good flow, and extended pot life. DX can be used in NMP-free top coat systems together with PU based top coat dullers or acrylic based top coat dullers for anti-soiling properties.

TUF-CRYL DX can be used for automotive and furniture leathers, high value garments and softy uppers requiring cold crack resistance. It mixes well with most of the anionic and non-ionic products.

Characteristics on Leather

Gloss / Matt	Glossy 25 GU (on cow upper)
Tack level	Low
Tape Test	Pass
Feel	Draggy
Dry rub fastness	More than 150 strokes
Cold-Crack Resistance	-25° C
Flexometer	More than one lakh flexes (on cow softy upper)

Usage

Aniline Softy	:	60 parts	Pigment Nano Series
		30 parts	Dye solution Novolene Series
		30 parts	Filler 12/61
		60 parts	Filler 50
		60 parts	Glaze Top N
		120 parts	Tuf-Cryl DX
		100 parts	Acril-m S 55
		40 parts	Urez 891
		500 parts	Water

Note: Suggested formulations are only for guidance and necessary modifications must be made to achieve a particular result.