

TUF-CRYL VSF

Characteristics of Emulsion

Appearance	: Off white emulsion
Solid Content	: 40 ± 1%
pH (without dilution)	: 5.0 ± 1.0
Charge	: Anionic
Viscosity	: 20 - 100 cps
Nature	: Very soft glossy binder
Mechanical Stability	: Good
Reaction with Ammonia	: Slight thickening

Characteristics of Film

Appearance	: Transparent
Tensile Strength	: 0.5 Mpa
Elongation	: >1300%
Gloss	: Glossy
Shore 'A' Hardness	: 18 (Zwick/Roell)
Sticking Level	: Slightly tacky
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.
Shelf-life : Product is stable for 6 months from the date of production.



Non Flammable / Keep Flames Away

Store Indoors



Protect From Snow

Use Gloves/Ensure Ventilation



An extremely soft, highly elastic and flexible acrylic binder used as a bottoming agent and plasticizing component of the pigmented season for garments, bags, shoe softies and very soft upholstery. Free from organic solvents and APEO/NPEO.

TUF-CRYL VSF exceeds any previous standards of softness, clarity, elasticity and stretch-ability of an acrylic binder for finishing highly soft garment, shoe and gloving leather. The leathers finished with VSF will exhibit excellent response to embossing and high fastness. The film of Tuf-Cryl VSF is of low tack, transparent and resistant to water.

TUF-CRYL VSF is ideal as a plasticizing component in bottoming and very effective for hiding defects in the grain - without obscuring the grain pattern. It also offers natural break after milling.

TUF-CRYL VSF can be used alone or in combination with other binders: Tuf-Cryl DX to achieve cold crack resistance and Acril-M 858, Acril-M S 60 to adjust tack levels, stiffness and fastness properties. Not recommended for use in Cationic systems.

Characteristics on Leather

Gloss / Matt	Gloss 15 GU (on cow upper)
Tack level	Low
Tape Test	Pass
Feel	Slightly tacky
Dry rub fastness	More than 150 strokes
Cold-Crack Resistance	-20° C
Flexometer	More than one lakh flexes (on cow softy upper)

Usage

Fashion Gloving	: 30 parts	Pigment Nano Series
	60 parts	Filler 50
	60 parts	GlazEx 72
	150 parts	Tuf-Cryl VSF
	100 parts	Acril-m X 858
	50 parts	Urez 899
	550 parts	Water

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