

UPHIN 21 WX

Characteristics of Emulsion

Appearance	: Off white emulsion
Solid Content	: 25 ± 1%
pH (without dilution)	: 8.5 ± 0.5
Charge	: Anionic
Viscosity	: 1000 - 2000 cps
Nature	: Soft compact binder
Mechanical Stability	: Very good
Reaction with Ammonia	: Does not thicken

Characteristics of Film

Appearance	: Hazy / opeque soft film
Tensile Strength	: 1.04 Mpa
Elongation	: 600%
Gloss	: Matt
Shore 'A' Hardness	: 26 (Zwick/Roell)
Sticking Level	: Slightly draggy
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 Compact binder that imparts a unique natural waxy-oily touch and having excellent Cold-Crack performance. Specially developed for extremely soft Upholstery Nappa and Clothing Nappa. Free from NEP and NMP.

UPHIN 21 WX is a complex acrylic "compact" containing polymer emulsion blended with high thermal stability wax and traces of "soft feel" oil. Product's design focus has been a very natural aspect & feel, essentially required for highly sophisticated soft upholstery and clothing nappa. It does not overload the grain and assures excellent response to embossing sharp contours and small pattern like "pores". Its base polymer emulsion is formulated to afford an excellent Cold-Crack performance with high fastness levels.

Uphin 21 WX has a tack-free film and leathers can be piles up without any problem. It has an outstanding price-to-performance ratio and can also be used for all standard leather articles that are soft and buffed.

Uphin 21 WX can be safely used as a sole binder or in combination with Tuf-Cryl VSF, Tuf-Cryl DX, Acril-m series and auxiliaries that are not cationic. Ideally conditioned to be applied by roller coater or other conventional methods.

Characteristics on Leather

Gloss / Matt	Gloss 10 GU (on cow upper)
Tack level	Slightly tacky
Tape Test	Pass
Feel	Oily wet feel
Dry rub fastness	More than 150 strokes
Cold-Crack Resistance	-20° C
Flexometer	More than one lakh flexes (on cow softy upper)

Usage

Sheep Nappa	: 100 parts	Pigment Nano Series
	500 parts	Uphin 21 WX
	400 parts	Water

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