

SiwoPUD[®]-821H

Characteristics: Aqueous, aliphatic polyurethane dispersion based on polyether.

Supplied as: 33% in water

Physical characteristics:	Appearance	Translucence
	Non-volatile constituent	33±1 %
	PH value	7.0 - 9.5
	Viscosity	≤50 mPa s
	Mean particle size	≤100 nm
	Organic solvent	2
	Glass transition temperature Tg	-35°C
	Elongation	500-700%
	Tensile strength	24.9 Mpa
	100%Modulus	7.9 Mpa
	Shear stability	good
	Dry/touch	≤30min
	Dry/through	≤60min
	Yellowing resistance	non- yellowing

Storage: The dispersion should be stored in a frost-free place in tightly sealed containers. It contains no preservative.

Application: Cost-effective. Its coating has medium hardness, and is flexible. It has excellent alkali and water resistance. It can be used for fabric and leather.

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