

SiwoPUD[®]-U-80X

Characteristics: It is an aqueous anionic polyurethane dispersion of a high molecular weight. It is a raw material for formulation of heat-activated adhesives for use in, for example, the furniture, automotive, and construction industries. U-80X provides high solids content, and is particularly suitable for applications involving flexibilized PVC substrates.

Supplied as: 50% in water

Physical characteristics:	Appearance	Translucent-milky white
	Non-volatile constituent	50±1 %
	PH value	7 – 9.5
	Viscosity	≤1000 mPa s
	Density(d ₄ ²⁰)	1.04
	NMP, NEP, DMAC etc.	Free
	Minimum film-forming temperature	5°C
	Minimum activation temperature	70-80°C
	Yellowing resistance	non- yellowing

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

Application: U-80X, fast crystallization, has outstanding bonding properties on the most synthetic and natural materials. The thermal stability and resistance to plasticizers, grease and oil can be increased by the addition of 2-5% by weight of a water-dispersible polyisocyanate (For example, our product EC-600). The crosslinker is added just before application of the adhesive and mixed thoroughly. The pot life of the formulation should be borne in mind. In order to customize other and application-specific and technical properties, resin dispersions, emulsifiers and thickeners may also be added. Before application, especially by spraying, the product should be filtered to remove polymer particles which may have formed by initial drying.

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