

SiwoPUD[®]-OH-1530

Characteristics: Aqueous, aliphatic hydroxy-functional polyurethane dispersion based on special polyester.

Supplied as: 40% in water

Physical characteristics:	Appearance	white translucence
	Non-volatile constituent	40±1 %
	OH content (solvent free)	1.5%
	PH value	7.5 - 9.5
	Viscosity	≤500 mPa s
	Organic solvents	5%
	Yellowing resistance	non- yellowing
	Shear stability	good

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

Application: It contains low hydroxyl content and mainly be used in 2-pack systems with water-dispersible polyisocyanate crosslinker or be combined with an amino resin to formulate water-dilutable stoving coatings and primers which cure at approx. 120-130°C. After crosslinking, It has low hardness and good elasticity. The dispersion is not suitable for 1-pack systems at room temperature. It is mainly used in elastic paint, etc.

It is suggested that OH-PUD-1530 dispersion is crosslinked with 10% by a weight of water-dispersible polyisocyanate to maximize performance properties after 5-7 days.

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