

## HDI water dispersion AsahiKasei WR80-70P

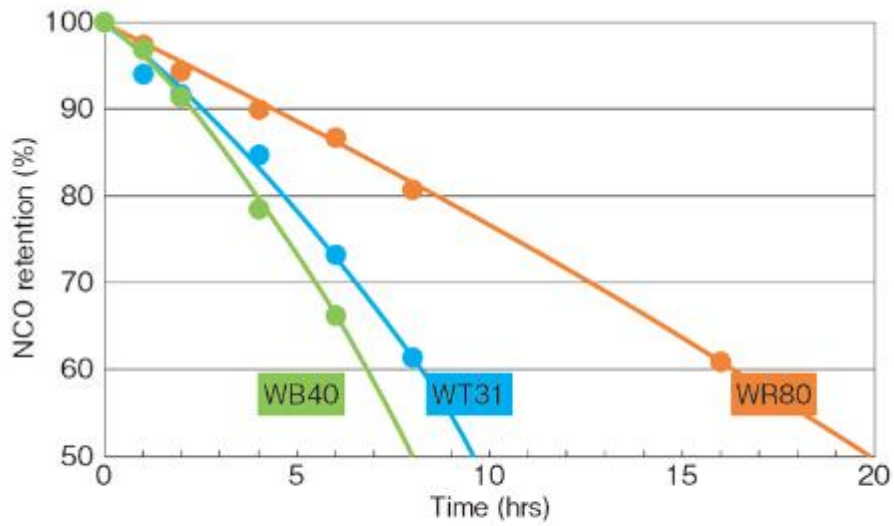
### ABOUT:

For high-performance coatings and water-based resins crosslinking.

Grade	Solids (wt%)	NCO (wt%)	Viscosity (mPa·s, 25°C)	Solvents contained	Special properties
WT31-100	100	17.4	2,500	—	Excellent weatherability
WL72-100	100	21.2	510	—	Excellent weatherability High NCO content High dispersibility
WB40-100	100	16.6	4,500	—	Adhesion
WB40-80 D	80	13.4	350	DEDG*	Hydrophilic-solvent dilution High dispersibility
WR80-70P	70	9.2	390	PMA	Long pot-life

					Hardness
WE50-100	100	11.3	3,000	—	Elasticity

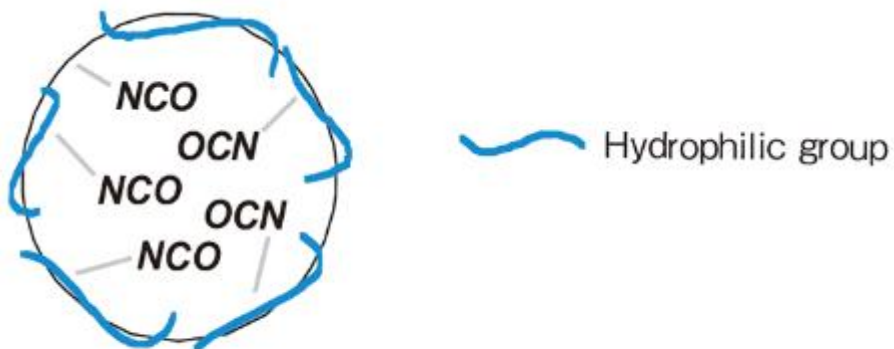
### NCO retention (23°C) in mixed with polyol



Polyol : Setaqua6520 (Nuplex Resins Ltd)

DURANATE™/Polyol ratio NCO/OH=1.25 mixed and agitated 10 min. at 600rpm.

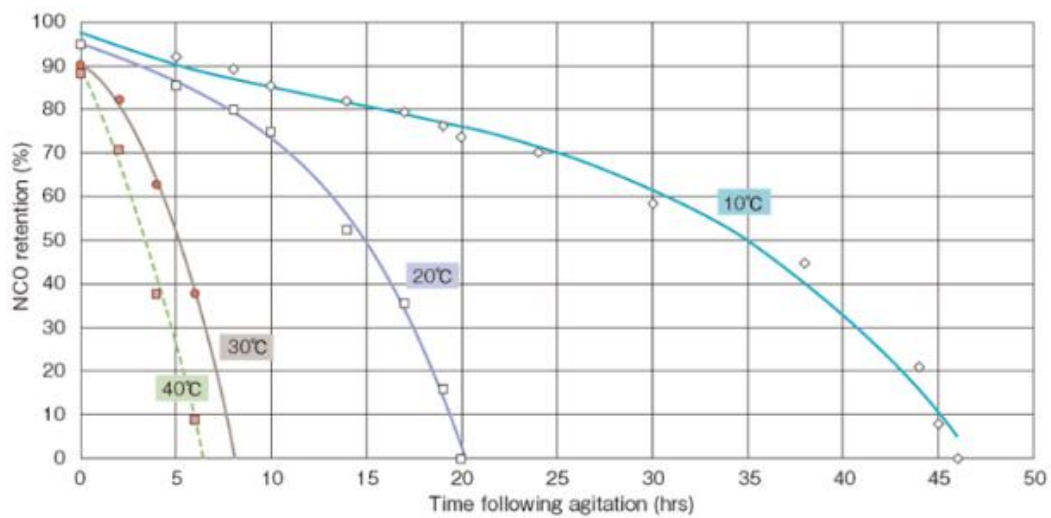
### Schematic of water-dispersed configuration



### WB40-100 NCO retention (%) in water dispersion:

Test method: WB40-100/water ratio of 10/90 (NV=10%) mixed and agitated 10 min. at 600rpm;

NCO content of WB40-100 measured after agitation and at indicated time (t) thereafter.



$$\text{NCO retention (\%)} = \left[ \frac{\text{NCO\% at time } t}{\text{NCO\% after agitation}} \right] \times 100.$$

### Storage and Transportation:

STORAGE: It is recommended to store in a dry and cool area with proper ventilation.

### Packaging:

200KG/drum Please fasten the packaging cover as soon as possible after original packaging to prevent the mixing of other substances such as moisture and other substances that may affect the performance of the product. Do not inhale dust, avoid skin and mucous membrane contact. Smoking, eating and drinking are prohibited in the workplace. After work, shower and change clothes. Store contaminated clothes separately and reuse them after washing. Maintain good hygiene practices.

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