



## Technical Data Sheet ADCRYL™ AP 104H5

### DESCRIPTION

ADCRYL™ AP 104H5 is a single-pack; self-cross-linking solvent borne UV resistant pure acrylic pressure sensitive adhesive that cures at moderate temperatures upon complete solvent removal. At room temperature, full cure may take up to 10-12 hours. It has very good weather-o-ability performance.

### APPLICATION

ADCRYL™ AP 104H5 is most suitable to produce industrial adhesive tapes and labels. It has a very good anchorage on PET, polypropylene films, paper, synthetic fabrics, and foils etc. It is useful to make Polyester window film.

### TYPICAL TECHNICAL SPECIFICATIONS

Test	Method	UOM	Observations
Appearance	Sight	Visual	Crystal clear viscous liquid
Solids	Temp. 120°C (1 Hour)	%	41 - 42
Viscosity	RVD11/Sp.No.5/10rpm at 25°C	Poise	45 to 50
Peel Adhesion	PSTC 101	gms/25mm	750 ± 10%
Shear Strength (25mm x25mm)	PSTC 107	Hrs.	>5000 (2 kg load)

(\* ) Evaluated on 25-micron PET film coated with 25±2 gsm

### FEATURES

Ready to use: No need to mix	Easy to use	Fast dry	No odor	Long working time
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### INSTRUCTIONS FOR USE

ADCRYL™ AP 104H5 should be used with proper coating equipment to the substrate. It is important that the solvents be dried efficiently in the coating machine, otherwise residual solvents could lead to a decrease in the technical characteristics of the finished product comparing to the technical specifications. Proper care should be ensured during coating process with effective ventilation.

ADCRYL™ AP 104H5 adhesive can be mixed with different solvents such as ketones, aromatic hydrocarbons & esters. Mix of aliphatic hydrocarbons can also be used for dilution. Solvents must be anhydrous.

### PACKAGING

ADCRYL™ AP 104H5 adhesive is supplied in 200 or 225 kgs, non-returnable drums.

### STORAGE

ADCRYL AP 104H5 is recommended to be stored in a cool place, protected from direct sunlight and heat sources, at temperatures below 35°C. Keep material in tightly closed containers to prevent loss of solvents.

Use within 6 months from production date (unopened and in the original packaging).

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