



## Technical Data Sheet ADCRYL™ AP 1765 PSA

### DESCRIPTION

ADCRYL™ AP 1765 is a two component, high solid, coat-able viscosity, high performance solvent borne acrylic pressure sensitive adhesive that cures at moderate temperatures upon complete solvent removal. At room temperature, full cure may take up to 24 hours. The product has excellent performance for holding of curved surface and suitable for various types of plastics and different types of foam materials, including polyurethane and polyethylene, cross-linked foams and double-face tapes.

### APPLICATION

ADCRYL™ AP 1765 is most suitable to produce industrial adhesive tapes and labels. It has a very good anchorage on XLPE foam, PE foam, Polyurethane foam, PET, polypropylene films, paper, synthetic fabrics and foils etc.

### Product Specification (Properties are tested without hardener)

### TYPICAL TECHNICAL SPECIFICATIONS

Test	Method	UOM	Observations
Appearance	Sight	Visual	Transparent viscous liquid
Solvent	--	-	Ethyl acetate, Isopropyl alcohol, Toluene
Solids	Temp. 120°C (1 Hour)	%	64 ± 2
Viscosity	RVD11/Sp.No.5/10rpm at 25°C	Poise	50 to 90
180° Peel Adhesion on SS*	PSTC 101	gms/25mm	2500 ± 10%
Rolling Ball Test	PSTC 106	cm	17 - 20
Shear strength test 25x25mm, 1 kg load	PSTC 107	hrs	>18

(\* ) Evaluated on 25- micron PET film coated with 27±2 gsm

### Mixing ratio

Pressure Sensitive Adhesive	100
Advance Hardener	01

### Properties are tested after adding hardener

Test	Method	UOM	Observations
180° Peel Adhesion on SS*	PSTC 101	gms/25mm	1700 ± 10%
Rolling Ball Test	PSTC 106	cm	20 - 25
Shear strength test 25x25mm, 1 kg load	PSTC 107	hrs	>98

(\* ) Evaluated on 25- micron PET film coated with 27±2 gsm

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### INSTRUCTIONS FOR USE

Add hardener in to adhesive as per above said ratio; mix properly to get homogeneously liquid.

ADCRYL™ AP 1765 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 1765 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 1765 adhesive is supplied in 200 kgs, non-returnable drums.

### STORAGE

ADCRYL AP 1765 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).