

### Description:

**epple PUR 429/6** is an one-component adhesive on the basis of polyurethane. It can be reactivated in solvent-free condition at 80 °C.

### Application:

**epple PUR 429/6** forms a tear-resistant and elastic film. It is therefore applied where an impact resistant adhesive is required. **epple PUR 429/6** is particularly appropriate for the bonding of PVC, as well as for the bonding of paper, cardboard, wood, cork, leather, rubber and textiles among each other or with steel.

### Application / Surface:

- The surface has to be clean and free from dust and grease.
- Stir-up before use.
- The assembly components need to be fixed appropriately until tangibility is reached

### Cleaning of tools:

Thinner 11

### Packaging:

Brush-in-cap-tin, tin

### Basis / Characteristics

Components		Solvent-			Chemical Basis					
1-comp.	2-comp.	free	containing	aqueous	EP	PU	Acrylate	Chloroprene	Polyvinylacetate	Terpolymer

### Properties of the liquid adhesive

Property	Value	Following to standard
Viscosity	2 – 5 Pas	DIN EN ISO 3219
Density	0.8 – 1,0 g/cm <sup>3</sup> / 20 °C	DIN 53479
Colour	transparent	-
Loss on drying up to 140 °C	75 – 79 %	-
Storage	24 months in closed original containers, stored in a dry and cool but frost-free place. Ideal storage temperature: 5 – 30 °C.	

Diese Druckschrift soll Sie beraten. Die darin gemachten Angaben entsprechen unserem besten Wissen, jedoch kann eine Verbindlichkeit daraus nicht hergeleitet werden.

This data sheet is for your information. The data supplied are according to the best of our knowledge and no liability can be inferred from them.

### Properties of the cured adhesive

Property	Value	Following to standard
<b>Curing</b> Ventilation time Time to handling strength Time to final strength	5 min 90 min 3 d	-
<b>Curing conditions / Contact pressure</b>	30 min / 80 °C (reactivation possible) 2 bar	-
<b>Hardness</b> (after 7 days at 20 °C) Shore-A Shore-D Pendulum hardness / König	- - -	DIN 53505 DIN 53505 DIN 53157
<b>Adhesive strength in the tensile shear test</b> (after 7 days at ambient) Steel / steel (blasted SA 2,5)	1 – 2 N/mm <sup>2</sup>	DIN EN 1465
<b>Surface adhesion</b>	none	-
<b>Temperature resistance</b> (after 7 days at 20 °C)	-25 °C to +100 °C	-
<b>Absorption of water</b> 20 °C / 7 days	-	ISO 62
<b>Chemical resistance</b> (after 7 days; max. 3 months)	alkaline oils ATF-oil grease bore- and cutting oils	epple-standard

Diese Druckschrift soll Sie beraten. Die darin gemachten Angaben entsprechen unserem besten Wissen, jedoch kann eine Verbindlichkeit daraus nicht hergeleitet werden.

This data sheet is for your information. The data supplied are according to the best of our knowledge and no liability can be inferred from them.