

## Description:

**epple 4875** is an one-component adhesive on the basis of a styrene butadiene caoutchouc.

## Application:

**epple 4875** is appropriate for the bonding of abrasive paper to discs out of metal or rubber, e. g. at rotary disc sanders or hand grinders. Apply the adhesive to the disc by means of a brush and allow to evaporate. The abrasive paper can then be applied to the adhesive layer. Once the abrasive paper is used up, it can simply be removed and a new abrasive paper can be bonded to the disc without renewal of the adhesive. This procedure can be repeated to up to ten times.

The assembly components may even be covered with the adhesive long before the bonding takes place.

## Application / Surface:

- The surface has to be clean and free from dust and grease.
- The assembly components need to be fixed appropriately until tangibility is reached
- If possible, stir-up the adhesive before use.

## Cleaning of tools:

Thinner 456.

## Packaging:

Tin

## Basis / Characteristics

Components		Solvent-			Chemical Basis					
1-comp.	2-comp.	free	containing	aqueous	EP	PU	Acrylate	Chloro-prene	Polyvinyl-acetate	Caoutchouc

### Properties of the liquid adhesive

Property	Value	Following to standard
Viscosity	4 – 7 Pas	DIN EN ISO 3219
Density	0.8 – 0.9 g/cm <sup>3</sup> / 20 °C	DIN 53479
Colour	beige	-
Loss on drying up to 140 °C	44 – 49 %	-
Storage	12 months in closed original containers, stored in a dry and cool but frost-free place. Ideal storage temperature: 5 – 30 °C.	

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### Properties of the cured adhesive

Property	Value	Following to standard
<b>Curing</b> Ventilation time Time to handling strength Time to final strength	approx. 15 min - -	-
<b>Curing conditions / Contact pressure</b>	>5 °C manual contact pressure	-
<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 20 °C) Steel / steel (blasted SA 2,5)	-	DIN EN 1465
<b>Surface adhesion</b>	yes	-
<b>Temperature resistance</b> (after 7 days at 20 °C)	-25 °C bis +80 °C	-
<b>Absorption of water</b> 20 °C / 7 days	-	ISO 62
<b>Chemical resistance</b> (after 7 days; max. 3 months)	oils ATF-oil lubricating grease bore- and cutting oil	epple-standard

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