



# SOFT PVC

## SPECIAL ADHESIVE FOR BONDING SOFT PVC



### PRODUCT DESCRIPTION

Quick-setting adhesive for repairing soft PVC items and bonding soft PVC. Suitable for visible glue joints on transparent materials, it is UV resistant and does not become brittle. Packed in a repair kit with a transparent PVC foil.

### FIELD OF APPLICATION

Suitable for soft-pvc and all usual soft-plastics including rubber boats, water balls, air mattresses, raincoats, etc.

Not suitable for Styrofoam®, PE nor PP.

### PROPERTIES

- Transparent special adhesive for repairing and glueing of soft plastics
- Fast
- Exceptional bonding strength
- UV-resistant, does not become brittle

### PREPARATION

**Working Conditions:** approx. +15°C and +30°C

**Personal safety:** UHU soft PVC contains highly flammable liquid solvents; it is therefore necessary to take the corresponding precautions during use and storage. Ensure proper ventilation of the workplace when using over large areas.

**Surface Requirements:** The surface must be dry, clean and free of dust and grease.

### APPLICATION

#### Directions for use:

Method of application: a) The contact method: Apply UHU soft PVC repair adhesive evenly to both of the parts to be stuck together using a toothed spatula or a short-bristled brush. Apply a number of times to very absorbent materials (leather, fabric, felt, etc) until a readily visible film of adhesive remains. Keep the parts separate until the layer of adhesive is dry to the touch (this takes 10 - 15 minutes, depending on the temperature). Then place the parts together in their exact position and press together very firmly for a short time. No adjustment can be made. The firmness of the assembly depends on the amount of pressure applied and not the amount of time the pressure is applied – a few seconds are sufficient. If the assembly has been put together properly, it may be worked on immediately. For pond foils or swimming pool foils, for example, apply UHU soft PVC repair adhesive at a width of 12 cm around the area to be stuck. After the flash-off time (please see contact method gluing) press parts together overlappingly. Short but powerful pressure is sufficient. Parts may also be stuck together under water. Clean any weed off the damaged area and use the brush to apply adhesive to the damaged area and to the prepared patch, leaving both to dry for approx. 5 to 10 minutes. Then put the patch in place and press on it, starting in the centre and working outwards. The edges of the join should not be any smaller than 6 cm. Full bonding is achieved after 24 hours. b) The solvent reactivation method: This method is recommended if it is preferred to extend the working time beyond about 30 minutes, for example to prepare the parts, or to temporarily store them and take up the assembly again at a later period in time. The adhesive is applied to both sides of the assembly, as for the contact method (see above). Leave until completely dry. Assembly can then be carried out at any time subsequently; one of the surfaces is wiped over with a lint-free cloth dipped in solvent and the parts are immediately pressed together very firmly. Suitable solvents for reactivation include methyl ethyl ketone (MEK), butyl acetate or nitro thinners.

**Stains/residue:** Remaining adhesive can be removed and equipment cleaned using methyl ethyl ketone (MEK), ethyl acetate or nitro thinners. Specks of adhesive cannot be removed from UHU soft PVC (pond and swimming pool liners), either initially or as a repair. Apply the glue to the foil approx. 12 cm around the area to be stuck, overlapped and glued after 5 to 10 minutes. Short but powerful pressure is sufficient. Parts may also be stuck together under water. Clean any weed off the damaged area and use the brush to apply adhesive to the damaged area and to the prepared patch, leaving both to dry for approx. 5 to 10 minutes. Then put the patch in place and press on it, starting in the centre and working outwards. The edges of the join should not be any smaller than 6 cm. Full bonding is achieved after 24 hours. Lower temperatures and high humidity levels increase the flash-off time and make a good adhesion more difficult to achieve.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.



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### TECHNICAL SPECIFICATIONS

Chemical base:	Polyurethane-elastomers
Chemicals resistance:	Water, oil, grease, diluted acids and alkalis
Colour:	Transparent
Colour after curing/drying:	Transparent
Consistency:	Liquid
Density approx.:	0,98 g/cm <sup>3</sup>
Elasticity:	Very good
Filling capacity:	Good
Final bond strength after:	24 hours
Flash point:	K1 (<21°C)
Flexible:	Yes
Minimum application temperature:	10 °C
Minimum temperature resistance:	-30 °C
Maximum temperature resistance:	70 °C
Moisture resistance:	Good
Time to press (+20°C):	2-5 seconds, with high contact pressure. The higher the contact pressure, the better the adhesive bonding.
UV resistance:	Good
Viscosity:	Medium viscosity
Viscosity approx.:	8000 mPa·s
Water resistance:	Good
Water soluble:	No

### PACK SIZES

30 g

### STORAGE CONDITIONS

At least 24 months after date of manufacture.

Limited shelf life after opening.

Store in tightly closed packaging in a dry, cool and frost-free place.

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