

UHU® 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:

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 push 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.

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.

TECHNICAL PROPERTIES

Water resistance: Very good

Temperature resistance: -30°C to +70°C

Chemicals resistance: fats, alcohol, dilute acids and alkalis

TECHNICAL SPECIFICATIONS

Appearance: colourless, clear

Chemical base: polyurethane elastomer

Consistency: Medium viscosity

Viscosity: approx. 70-90 mPa.s.

Solid matter: approx. approx. 25 %

Density: approx. 0,92 g/cm³

Specifications: Flame point [°C]: approx. -19

Danger class (VbF): A I

Quantity used: depending on application and type of surface: 120 - 250 g/m² one-sided

Solvent: blend of Esters, ketones and aromatic compounds

STORAGE CONDITIONS

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

PACK SIZES

30 g



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Note: This information is the result of carefully executed tests. This Technical Data Sheet has been prepared to the best of our knowledge to provide you with advice when gluing. We cannot be held responsible for the results or any damage suffered, as the variety of factors involved (type and combination of materials and working method) are beyond our control. Users have to carry out their own checks and trials. Liability can only be accepted for the consistently high quality of our product.