

# UHU® KUNSTSTOFF SPEZIALSEKUNDENKLEBER

## SPECIAL FAST GLUE FOR RIGID PLASTICS AND MANY OTHER MATERIALS



### PRODUCT DESCRIPTION

Special super glue adhesive, based on cyanoacrylate, for strong and fast bonding of wide range of materials like ABS, acrylic glass, etc. and in combination with other materials in seconds to minutes.

### FIELD OF APPLICATION

Suitable for solid materials with a smooth surface of many plastics such as rigid PVC (polyvinyl chloride), ABS (acrylonitrile butadiene styrene, high impact styrene), PS (polystyrene), acrylic resin (Plexiglas®), polycarbonate (Makralon®) Phenolic resin (Bakelite®) and in combination with various materials. Not suitable for plastics with anti-adhesive surface such as PE, PP, silicone resins and rubbers, and PTFE.

### PROPERTIES

- Super fast
- Very strong
- Temperature resistant

### PREPARATION

**Working conditions:** The seconds setting requires the use primarily in small-scale adhesion points. The thinner the adhesive layer, the faster pulling on the adhesive. This also implies that in porous materials are required to longer setting times to minutes.

**Personal safety:** Cyanoacrylate adhesives harden extremely quickly in the presence of moisture (such as air humidity, moisture in the skin, perspiration, skin sebum, tears). Care must therefore be taken during use, particularly as regards children and contact with the skin and eyes. But even without treatment, cyanoacrylate adhesives dissolve naturally with time.

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

### APPLICATION

#### Directions for use:

UHU KUNSTSTOFF Spezialsekundenkleber is applied straight from the tube onto one of the two surfaces to be stuck together. The other part is immediately placed on it and they are pressed together. After use, any excess adhesive smeared on the tube nozzle should be wiped off using a dry paper cloth. Depending on the properties of the material and the quantity of adhesive applied, the assembly is firm to the touch after between a few seconds and a few minutes. The final bond is achieved after approximately 12 hours.

**Stains/residue:** Excess or smeared adhesive should be removed as quickly as possible by rubbing with acetone on a lint-free cloth (if this is suitable for the material).

Fresh specks of adhesive can also be removed from fabrics using acetone (check for suitability first).

If the skin becomes stuck, soak for as long as possible in warm soapy water and pull apart carefully without using force; moisturise the skin afterwards.

**Advice:** As this adhesive needs moisture for hardening, the process can be speeded up by breathing on one of the parts of the assembly. The hardening process may take longer if humidity is low.

### TECHNICAL SPECIFICATIONS

**Appearance:** clear, colourless

**Chemical base:** cyanoacrylic-acid-ethylester

**Consistency:** Low viscosity

**Viscosity:** approx. 0,50 mPa.s.

**Density:** approx. 1,07 g/cm<sup>3</sup>

**Specifications:** Flash point [°C]: 80

Danger class: A III

Danger and Preparations Directives: Compulsory marking

### STORAGE CONDITIONS

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

### PACK SIZES

3 g