

# ALLPLAST

## POWERFUL UNIVERSAL ADHESIVE

# UHU



### PRODUCT DESCRIPTION

UHU allplast is a transparent, powerful universal adhesive for plastics, multi-purpose domestic applications, handicraft work, repairs and model building. The hard adhesive film remains transparent and is temperature resistant.

### FIELD OF APPLICATION

UHU allplast attains an excellent bond strength on numerous types of plastics such as polystyrene and high impact polystyrene types (ABS, SAN, SB, ASA), PVC hard.

Limited application on Plexiglas® (PMMA), Celluloid®, cellulose ester (CN, CAB), polycarbonate (PC).

Phenolic resins (Bakelite®), melamine resins (Resopal®), glass fibre reinforced polyester, polyurethane (PUR) and epoxide resins (EP) can be glued as well.

UHU allplast also glues materials such as wood, paper, cardboard, leather, metals, glass, ceramics. Not suitable for polyamide (PA), acetal resin (POM) polyethylene (PE), polypropylene (PP), polytetrafluoroethylene (PTFE), silicones (Si), Styropor® and not suitable for leather used for clothing.

### PROPERTIES

- forms a hard but flexible adhesive bond with a thermoplastic character
- resistant from -30°C to approx. +90°C
- resistant against water, oil and alcohol.

### PREPARATION

**Personal safety:** UHU allplast contains volatile, highly flammable solvents.

Therefore, corresponding safety measures should be taken regarding processing and storage.

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

### APPLICATION

#### Directions for use:

Depending on the specific requirement, one or both of the parts to be connected are spread with adhesive and joined together immediately. An initial bond strength is

attained after 5 - 10 minutes. The high bond strength of UHU allplast on plastics is attained by slightly dissolving the surface of the plastic material. For this reason, the adhesive should only be applied in small quantities on low caliper plastics.

**Stains/residue:** Adhesive residues and stains can be removed with acetone or thinner for nitrocellulose lacquer.

### TECHNICAL SPECIFICATIONS

#### Specifications:

Appearance: colourless, clear solution

Consistency: low viscosity

Solid content [%]: 19-22

Solvent: ketones/ ester

Flash point [°C]: -19

Danger class (VbF): A I

### PHYSIOLOGICAL PROPERTIES

The dried adhesive is indifferent, neutral and physiologically safe.

### PACK SIZES

tube 30g