

**UHU**<sup>®</sup>

# CREATIV PLASTIC & MINIATURES

## COLD WELDING SPECIAL FORMULA



### PRODUCT DESCRIPTION

UHU Creativ Plastic & Miniatures with a strong special cold welding formula for the perfect assembly of many hard and soft plastics and various types of miniatures. Ideal for making doll houses, collages, sculptures, objects in Plexiglas®, decorating yogurt pots, and much more. Also suitable for modelling.

### FIELD OF APPLICATION

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. Glues also 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

- Strong cold welding formula
- For many hard and soft plastics
- Fast bonding
- Colourless

### PREPARATION

**Surface Requirements:** The areas to be glued must be dry and free of any dust or grease.

### APPLICATION

#### Directions for use:

Depending on the requirement, apply to one or both of the materials to be joined and stick together immediately. An initial bond strength is attained after 5 - 10 minutes. The high bond strength is attained by melting the plastic surface. For this reason, the adhesive should only be applied in small quantities to thin walled plastics.

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

### TECHNICAL SPECIFICATIONS

|                                  |   |
|----------------------------------|---|
| Chemical base:                   | Acrylic Ester/PVC Copolymer   |
| Chemicals resistance:            | Water, grease, oil, alcohol   |
| Colour:                          | Crystal clear   |
| Consistency:                     | Medium viscosity  |
| Density approx.:                 | 0.9 g/cm <sup>3</sup>   |
| Drying/Curing time approx.*:     | 5-10 minutes. This might vary, based on circumstances, like temperature and humidity. |
| Final bond strength after:       | 24 hours  |
| Maximum temperature resistance:  | 90 °C   |
| Minimum application temperature: | 10 °C   |
| Minimum temperature resistance:  | -30 °C  |
| Moisture resistance:             | good  |
| Solid matter approx.:            | 20 %  |
| Solvent:                         | Mixture of esters and ketones   |
| Transparent:                     | Yes   |
| Viscosity:                       | Liquid  |
| Viscosity approx.:               | 2000 mPa·s  |
| Water resistance:                | Good  |

\* Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.

### PACK SIZES

tube 33ml

### STORAGE CONDITIONS

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

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.