



# SUPER PRECISION

## DISPENSER WITH EASY TIP SYSTEM FOR PRECISE APPLICATION



### PRODUCT DESCRIPTION

Extra fast and strong super glue with easy tip system for precise dosing. It is easy and clean to use. Due to its consistency the glue reaches smallest corners and joints. Safe standing and shockproof container.

### FIELD OF APPLICATION

Ideal for small-area bonds (not suitable for large-area bonds). Glues many plastics such as rigid PVC (polyvinyl chloride), ABS (acrylonitrile-butadiene-styrene, shock-resistant styrene), PS (polystyrene), acrylic resin (Plexiglas®), polycarbonate (Makrolon®), phenolic resins (Bakelite®), metals (e.g. steel, iron, light and heavy metals), porcelain, ceramics, rubber and wood.

Only partly suitable for glass (over a period of time the bond becomes brittle, causing it to weaken). Not suitable for PE, PP, silicone resins and rubbers (Si), PTFE, Teflon®, styrofoam, fabrics and leather clothing.

### PROPERTIES

- With "easy tip system"
- Precise dosing
- Easy + clean to use
- Safe standing and shockproof container
- Reaches smallest corners and joints

### PREPARATION

**Working conditions:** Not to be applied at temperatures below +10°C.

**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 materials to be bonded must be clean, dry, free of

dust and grease, and well-fitting.

**Preliminary surface treatment:** Degrease with acetone. Surfaces reacting to acid (like aluminium) should first be treated with diluted ammonia and then rinsed with water and dried. Light sanding of synthetic and metal surfaces provides a stronger bond.

### APPLICATION

**Coverage:** One drop suffices to bond approx. 2 cm<sup>2</sup> of surface.

#### Directions for use:

To pierce the membrane, turn the cap clockwise firmly onto the container. Do not press the black wings while piercing. Unscrew the cap to reveal applicator – ready! Apply the glue directly from the container, using the nozzle, as thinly as possible onto one side (too much glue slows down the curing process significantly!). Press parts together immediately. Depending on the applied amount of glue and the material the glue polymerizes within 60 seconds into a synthetic resin and connects both parts very strongly. When glueing at low humidity, curing time can be shortened by briefly breathing onto one of the parts to be assembled. The best glueing results are reached at room temperature. Basic reacting surfaces accelerate the hardening of the glue, sour reacting surfaces (e.g. wood, ceramics, porcelain, leather) slow it down. After use, clean nozzle with a dry tissue and close the tube by replacing the cap.

**Stains/residue:** Remove wet adhesive residue immediately with a dry cloth or similar. After curing it becomes very difficult to remove the adhesive residues. Acetone will dissolve the adhesive (very slowly).

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

A further possibility is to rub the fingers in warm water and push a paperclip or piece of wire between them. After some time the fingers can be separated. The affected areas may also be treated immediately with acetone or nail polish remover. As organic solvents also remove grease, we recommend applying hand cream afterwards. Should any specks of adhesive remain, these can be rubbed away using a pumice stone. In the event of the product being sprayed into the eyes or mouth, the eyes or mouth must be kept open and rinsed with plenty of water. If necessary, seek medical advice.

Because of the particular fumes developed by cyanoacrylate adhesives, it is advisable to ventilate the premises well when using relatively large quantities.

**Points of attention:** Note: Instant glue contains cyanoacrylate. Dangerous: sticks skin and eyelids together within seconds. Keep out of reach of children. If contact with the skin has occurred, avoid forced attempts to remove the adhesive. In such cases, the skin will automatically reject the adhesive. Subsequently wash skin with water. If the adhesive has ended up in the eyes, then keep eyelids open, rinse immediately with water and consult a doctor. Separate bonded fingers by soaking them well in water and then rolling a pencil between them.

### CURE TIMES

**Handling time:** approx. 10 seconds to 1 minute, depending on nature of materials to be bonded. After 2-5 minutes glue joint is strong enough to be handled.

**Full bond strength:** Full bond strength after approx. 24 hours.

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

## TECHNICAL PROPERTIES

**Moisture resistance:** Good

**Chemicals resistance:** Good

**Filling capacity:** Limited

## TECHNICAL SPECIFICATIONS

**Chemical base:** cyanoacrylate

**Colour:** Transparent

**Viscosity:** Runny

**Solid contents:** approx. 100 %

**Density:** approx. 1.08 g/cm<sup>3</sup>

## STORAGE CONDITIONS

At least 24 months after date of manufacture. Limited shelf life after opening.

Store in a dry, cool and frost free place. Maximum shelf life is achieved by storing below +5°C (in the refrigerator).

## PHYSIOLOGICAL PROPERTIES

Cyanoacrylate adhesives are to a great extent considered to be physiologically safe.