

# CA 202

## PROFESSIONAL, ODOUR-FREE SUPER-FAST ADHESIVE IN A HANDY DISPENSER BOTTLE

**UHU**

### PRODUCT DESCRIPTION

Odour-free, clear, liquid single component reaction adhesive based on cyanoacrylate. Enables extra strong bonds within seconds to minutes. Flows into smallest corners and joints. Solvent-free.

### FIELD OF APPLICATION

Ideal for small-area bonds. Glues almost all solid and flexible materials such as many plastics (such as rigid PVC, ABS, PS, Plexiglas<sup>®</sup>, polycarbonate (Makrolon<sup>®</sup>), and phenolic resins (Bakelite<sup>®</sup>)), metals (e.g. steel, iron, aluminum etc.), porcelain, ceramics, rubber, wood, and Styrofoam<sup>®</sup>. Only partly suitable for glass (over a certain period of time the bond becomes brittle, causing it to weaken). Not suitable for PE, PP, silicone resins and rubbers, PTFE, Teflon<sup>®</sup>, fabrics and leather clothing.

### PROPERTIES

- Super fast and extra strong
- Liquid, low-viscous
- Odour-free and solvent-free
- For a universal use (incl. Styrofoam<sup>®</sup>)
- Handling strength after 10-120 sec.

### PREPARATION

**Working conditions:** Do not use at temperatures below +10°C. The glue responds best to an air humidity level of 50-70%.

**Surface requirements:** Surfaces to be bonded must be clean, dry, free of dust and grease, and must fit exactly.

**Preliminary surface treatment:** Any dust, oil, grease, wax or separating agent should be thoroughly removed from the surfaces to be bonded together. The best way to achieve this is to rub the parts a number of times with appropriate solvents, such as acetone (check suitability first). For metals and

metal alloys it is usually sufficient to roughen the surface using emery paper or by grinding or brushing.

### APPLICATION

#### Directions for use:

First cut the tip off the applicator. Apply the glue directly from the bottle, using the nozzle applicator, as thinly as possible onto one side. Press parts together immediately. After use: Wipe off excess glue with a dry cloth and re-close firmly.

**Stains/residue:** Wipe off excess glue immediately with a dry cloth. After curing, glue residue is very difficult to remove. Acetone will dissolve glue but very slowly (check suitability first).

**Advice:** 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.

**Points of attention:** Contains cyanoacrylate. Bonds skin and eyelids together in seconds. If product comes into contact with the eyes, rinse immediately with plenty of water and seek medical advice. In case of contact with skin, glue can be dissolved by soaking in warm soapy water. Then apply a skin cream. May cause respiratory irritation. Avoid breathing vapours. Keep out of the reach of children.

### CURE TIMES

**Full bond strength:** Full bond strength after approx. 12 hours

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

### TECHNICAL SPECIFICATIONS

**Appearance:** colourless, clear

**Chemical base:** cyano-acrylic-acid-ester

**Consistency:** Low viscosity

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

**Density:** approx. 1.07 g/cm<sup>3</sup>

### STORAGE CONDITIONS

Store in a dry, cool, frost-free place. Storage below +5°C (in refrigerator) ensures maximum shelf life.

### PHYSIOLOGICAL PROPERTIES

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

### PACK SIZES

Bottles 20g, 50g, 500g