TECHNICAL DATA SHEET

Date of issue: 27.10.2026 **Revision date: 27.10.2026**

Product name: Universal cyanoacrylate adhesive APP CA Glue. APP No.: 040512.

One-component, instant cyanoacrylate adhesive for quick repairs.
Sets in less than 1 minute, no clamping required. Bonded parts can be handled carefully after just 1–5 minutes.

Packaging.	20 g plastic bottle with screw cap and a pin for piercing the tube seal.
Main components.	Ethyl cyanoacrylate (ethyl ester of 2-cyanoacrylic acid).
Colour.	Colourless, transparent.
Consistency.	Thin liquid, medium viscosity.
Density.	1.06 g/cm³.
Viscosity (Brookfield, +23 °C).	60 cP (spindle 1, 20 rpm).
Flash point.	> 81 °C.
Glass transition temperature (Tg) of the bond line.	121 °C.
Service temperature.	-54 °C to +82 °C.
Setting time.	• balsa – balsa: 3–10 s • nitrile rubber – nitrile rubber: 5–15 s • polycarbonate – polycarbonate: 10–50 s • PVC – PVC: 15–45 s • carbon steel – carbon steel: 20–80 s
Shear strength.	• grit-blasted steel: > 10 N/mm² • etched aluminium: > 8 N/mm² • nitrile rubber: > 8 N/mm² • polycarbonate – polycarbonate: > 5 N/mm²
Tensile strength.	• nitrile rubber: > 5 N/mm² • neoprene: > 5 N/mm² • EPDM – EPDM: > 2.5 N/mm²

The above information reflects our current knowledge of our products and their possible applications. It does not guarantee specific properties or suitability for use under particular conditions. Observe the notes and warnings on the product labels and in the safety data sheet. We accept no liability if the final result of the work has been affected by factors beyond our control.

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Applications

- Quick repairs of small parts, for indoor use.
- Repairing crockery and household items, furniture, fishing and sports equipment, car interior parts and electrical appliances.
- Bonding metal, rubber, ceramics, leather, wood, glass, paper and most plastics.

Properties

- Instant setting – under 1 minute.
- No clamping required.
- High bond strength.
- Bonds a wide range of materials.
- One-component – ready to use.

Suitable substrates.

Metal, rubber, ceramics, leather, wood, glass, paper, most plastics.

Surface preparation.

Surfaces to be bonded must be clean and dry.



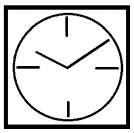
Application method.

Before first use, pierce the tube seal with the pin located in the cap. Apply a small amount of adhesive to one of the surfaces to be joined, join the parts and press together for a few seconds.

Caution!

- Keep away from eyes and mouth.
- Do not point the nozzle towards other people.
- Open carefully to avoid adhesive splashing.

Curing.

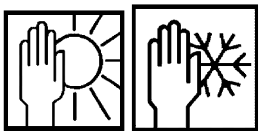


At room temperature:

- setting: under 1 minute,
- careful handling: after 1–5 minutes,
- full cure: after 24 hours.

The setting time depends on the type of material being bonded (see “Setting time”).

Storage:



Store in original, closed containers until use.
Storage temperature: +10 °C to +22 °C. Refrigerated storage (not below 0 °C) extends shelf life.
Protect from strong light and heat sources.

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Health and safety:



Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
Causes serious eye irritation. Causes skin irritation.
See the text on the product labels or in the safety data sheet of the hazardous product.
The user must comply with the health and safety regulations in force in the country concerned.

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