



Power Fix CA - Thick 20g

Thick instant (cyanoacrylate) glue
User Manual



Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children. Read Chapter 3 - Safety Information before use.

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1. Product Description

1.1 What It Is For

Thick instant (cyanoacrylate) glue with high strength for modelling and general use. Thanks to its high viscosity it is intended for bonding both porous and non-porous materials that fit closely together – wood, most plastics including EPP and EPO, metals, rubber, glass, ceramics, cork, paper and glass or carbon laminates.

In FPV and RC modelling it is useful, for example, for repairing and reinforcing EPP/EPO foam parts, securing cables, antennas and small parts, or bonding wooden and composite parts. The glue comes in a bottle with an applicator nozzle that allows precise dosing.



20 g bottle

1.2 Technical Data and Package Contents

Product designation	Power Fix CA Instant Glue – Thick 20g (on the bottle: KAVAN Power CA Husté 20g)
Manufacturer code / EAN	KAV56.9953.CZ / 8596450052598
UFI	844F-N08S-S00Y-DWSD
Glue type	cyanoacrylate (ethyl 2-cyanoacrylate), thick
Colour	clear
Viscosity	800-1200 mPa.s
Density	1.04 g/cm ³
Optimum application temperature	23 °C
Curing time	5-40 s (depends on temperature and the nature of the bonded materials)
Firm bond	1.5-2 min

Full cure	24 h
Optimum gap between parts	zero
Cured glue is soluble in	acetone, dimethylformamide, acetonitrile
Storage temperature	+2 °C to +10 °C
Shelf life	1 year in the unopened original package when stored correctly

Package contents: 1× 20 g bottle of glue with applicator nozzle.

Not included: CA activator (accelerator), CA debonder, filler or applicator tubes – these accessories must be purchased separately.

2. Use

Before first use, read the safety information in Chapter 3. Work in a well-ventilated area.

2.1 Preparation

- The surfaces to be bonded must be clean, dry and free of grease and dust.
- Test-fit the parts dry first – thick glue reliably bonds only parts that fit closely together. The optimum gap is zero.
- The glue works best at a temperature of around 23 °C. Allow a bottle taken out of the refrigerator to warm up to room temperature before use so that moisture does not condense inside.

2.2 Bonding

- ① Unscrew the cap and apply a thin layer of glue to **one** of the mating surfaces. Squeeze the bottle only lightly – more glue will not make the joint stronger, it only prolongs curing.
- ② Immediately press the parts together. For a short time after joining, minor adjustment of their relative position is still possible before the glue cures.
- ③ Hold the parts still until the glue cures (usually 5–40 s depending on temperature and material). A firm bond forms within 1.5–2 minutes; the glue reaches full strength after 24 hours.
- ④ Wipe the nozzle tip with a paper towel and close the bottle tightly straight away.

※ Curing can be accelerated with an activator (accelerator) for cyanoacrylate glues. For use as a filler compound, the glue can be combined with microballoon filler. Neither the activator nor the filler is included.

※ If the glue in the bottle thickens, it has already partly polymerised and is losing its original properties – no “thinning” can reverse this. If you need a thinner glue, use a type with lower viscosity. The individual types of POWER CA instant glues can be mixed with each other to achieve the optimum viscosity.

2.3 Suitable and Unsuitable Materials

Suitable for bonding	Not suitable for bonding
softwood and hardwood, chipboard, plywood, metals, ceramics, porcelain, glass, rubber, cork, paper, glass and carbon laminates, fabrics and fibres, many plastics (including EPP and EPO)	expanded polystyrene, polyethylene, Teflon, silicone

2.4 Removing Excess Glue

- **Uncured glue:** wipe off with a cloth or paper towel moistened with CA debonder or acetone – use acetone only if the bonded materials are resistant to it.
- **Cured glue** is soluble in acetone, dimethylformamide and acetonitrile. Always test first on an inconspicuous spot to make sure the solvent does not damage the bonded material.

3. Safety Information

3.1 Labelling under Regulation (EC) No 1272/2008

The product contains substances classified as hazardous within the meaning of Regulation (EC) No 1272/2008 (CLP). Information on the product label:



Warning

Contains: ethyl 2-cyanoacrylate.

- May cause respiratory irritation.
- Keep out of reach of children.
- Dispose of contents/container by disposing in a hazardous waste receptacle.
- **Cyanoacrylate. Danger. Bonds skin and eyes in seconds.**
Keep out of the reach of children.

UFI: 844F-N08S-S00Y-DWSD. Always follow the information on the product label.

3.2 Safe Working Practice and First Aid

- Work in a well-ventilated area and do not inhale the vapours.
- Protect your eyes and skin – we recommend wearing safety glasses. Never point the nozzle tip towards your face.
- Do not use the glue for bonding to the body or near children and animals; keep it out of their reach.

► First aid

- **Bonded skin:** do not pull bonded areas apart by force. Soak them in warm soapy water and carefully separate them by gradually rolling or peeling them apart.
- **Eye contact:** do not force the eye open; rinse it with water and seek medical attention immediately.
- **Inhalation:** move to fresh air. If symptoms occur, seek medical attention.
- **Ingestion:** seek medical attention and show the doctor the package or product label.
- In the Czech Republic, first-aid information on accidents involving chemicals is provided around the clock by the Toxicological Information Centre, tel. +420 224 919 293 or +420 224 915 402. In other countries, contact the national poison centre.

4. Storage and Shelf Life

- Store in a tightly closed container in a cool, dry and dark place at a temperature of **+2 °C to +10 °C**.
- Do not expose to temperatures below +2 °C.
- When the correct storage conditions are observed, the manufacturer guarantees a shelf life of **1 year** in the unopened original package while retaining the stated properties.
- Thickening of the glue in the bottle is a sign of partial polymerisation – such glue no longer has its original properties.

5. Information for the EU and Czech Market

5.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorاما.cz
Phone	+420 252 252 098
Website	www.rotorاما.com

5.2 Disposal

- Dispose of unused contents and the container **at a hazardous waste collection point** (e.g. a municipal collection yard). Do not throw the glue or a bottle containing its residues into mixed municipal waste and do not pour it into the drain.
- The product is not electrical equipment and is not subject to take-back of electrical equipment.
- When disposing of the product, follow the regulations of the country in which you use it.

6. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 5.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.