



Power CA Medium

Instant (cyanoacrylate) adhesive – 20 g
Instructions for use



Read the safety information in Chapter 2 before use. The adhesive bonds skin and eyes in seconds.

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1. Product description

1.1 What it is for

KAVAN Power CA Medium is a medium instant (cyanoacrylate) adhesive for model building and general use. It is supplied in a 20 g bottle with an application tip.

Thanks to its medium viscosity, it is suitable for bonding absorbent and non-absorbent materials that fit closely together. It bonds wood, most plastics, metals, rubber, glass, ceramics, cork and paper – making it suitable for building and minor repairs of models and parts made of fibreglass and carbon laminates.



KAVAN Power CA Medium 20 g

1.2 Specifications and package contents

Parameter	Value
Adhesive type	medium instant (cyanoacrylate)
Contains	ethyl 2-cyanoacrylate
Colour	clear
Viscosity	90–120 mPa.s
Density	1.04 g/cm ³
Optimum application temperature	23 °C
Curing time *	5–30 s
Working time / firm bond *	7–10 s / 20–30 s
Full cure	24 h
Optimum gap between parts	zero
Cured adhesive is soluble in	acetone, dimethylformamide, acetonitrile
Package contents	1× 20 g bottle with application tip
Not included	activator, debonder, filler
Product identification	KAVAN Power CA 20g Medium, code KAV56.9952.CZ, EAN 8596450052567
UFI	X14F-40KD-G00G-RK6A

* Depends on the temperature and the nature of the materials being bonded. Data provided by the manufacturer KAVAN.

2. Safety information

2.1 Manufacturer's label information

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



Warning

- Contains: ethyl 2-cyanoacrylate.
- May cause respiratory irritation.
- Keep out of reach of children.
- Dispose of contents/container at a hazardous waste collection point.
- **Cyanoacrylate. Danger. Bonds skin and eyes in seconds.**
Keep out of the reach of children.

✳ **Always follow the information on the product label.**

2.2 Working safely with the adhesive

- Work in a well-ventilated area and do not inhale the adhesive vapours. Do not lean over the bonding area.
- Avoid contact with skin and eyes. Wearing safety glasses and gloves that are not dissolved by the adhesive is recommended.
- When opening the bottle and applying the adhesive, never point the tip towards your face, especially your eyes.
- Do not hold the parts with your fingers directly at the joint where you apply the adhesive.
- Keep out of reach of children and away from food and drink.

2.3 What to do in an accident

In the event of any accident, stay calm and follow the instructions below:

- **Skin bonded together:** do not pull the bonded areas apart by force. Soak them in warm soapy water and carefully peel or roll them apart, preferably using a blunt object.
- **Eye contact:** rinse the eye with plenty of water and do not force bonded eyelids open. Seek medical attention immediately.
- **Inhalation:** move to fresh air. If breathing difficulties occur, seek medical attention.
- **Ingestion or other problems:** seek medical attention and take the bottle or these instructions with you.

In the Czech Republic, the **Toxicological Information Centre** (Prague) provides round-the-clock information on poisoning, tel. **+420 224 91 92 93** or **+420 224 91 54 02**. In other countries, contact your national poison centre. Quote the product name and the UFI code from Chapter 1.2.

3. Use

3.1 Suitable and unsuitable materials

Suitable for bonding	softwood and hardwood, particleboard, plywood, metals, ceramics, porcelain, fibreglass and carbon laminates, fibreglass and carbon fabrics and fibres, many plastics (including EPP and EPO)
Not suitable for bonding	polystyrene foam, polyethylene, Teflon, silicone

3.2 Bonding procedure

- ① The surfaces to be bonded must be clean, dry and free of grease. Test-fit the parts dry first – the optimum gap between the parts is zero, so the parts must fit closely together.
- ② Remove the cap from the tip and hold the bottle with the tip pointing away from you.
- ③ Apply the adhesive to one of the mating surfaces and join the parts immediately. The adhesive can also be applied to the joint of closely fitting parts that are already held together.
- ④ Briefly hold the parts in the desired position. According to the manufacturer, the working time is 7-10 s and a firm bond is formed in 20-30 s. Curing time depends on the temperature and the nature of the materials being bonded.
- ⑤ Apply full load to the joint only after it has fully cured, i.e. after 24 h.
- ⑥ Wipe the tip after use and close the bottle tightly.

Apply only as much adhesive as the joint needs – excess adhesive slows down curing. The optimum application temperature is 23 °C.

To accelerate curing, the manufacturer recommends an **activator**: KAV56.9983.CZ CA activator 150ml or KAV56.9984.CZ CA activator 200ml spray (not included).

3.3 Removing excess adhesive and debonding

- **Uncured adhesive:** remove with a cloth or paper napkin moistened with KAV56.9979.CZ CA debonder or with acetone (if the bonded materials are resistant to it).
- **Cured adhesive** is soluble in acetone, dimethylformamide and acetonitrile. The manufacturer recommends the debonder KAV56.9979.CZ KAVAN CA Debonder 20g (not included).
- Before using a solvent, test on a hidden area that the bonded material is resistant to it.

3.4 Use as a filler

With a suitable filler, the adhesive can be used as a filling compound. The manufacturer recommends the microballoon filler KAV56.9980.CZ KAVAN CA filler (not included).

3.5 Thinning and mixing

If the instant adhesive thickens, it is a sign that it has already partially polymerised and is losing its original properties – no amount of “thinning” can bring it back. If you need a thinner instant adhesive, use a lower-viscosity type. The different types of POWER CA instant adhesives can be mixed together to achieve the optimum viscosity.

4. Storage and shelf life

- Store in a tightly closed container in a cool, dry and dark place, at **+2 °C to +10 °C**.
- Do not expose to temperatures below +2 °C.
- Under proper storage conditions, the manufacturer guarantees a shelf life of **1 year** in the unopened original packaging while maintaining the stated product properties.
- Thickened adhesive is already losing its original properties (see Chapter 3.5).

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

- The product **is not electrical or electronic equipment** and is not subject to the take-back scheme for electrical equipment.
- As stated on the manufacturer's label: *Dispose of contents/container at a hazardous waste collection point.* Do not dispose of adhesive residues or a bottle containing adhesive residues in mixed household waste, drains or watercourses.
- Your local authority will tell you where hazardous waste is collected (usually the municipal collection yard). Follow local waste management regulations.

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.