

CIANOKOL GEL

Cyanoacrylate adhesives

DESCRIPTION CIANOKOL GEL is a one-component colourless and solvent free cyanoacrylate adhesive. It cures in seconds at room temperature by catalytic effect of humidity.

Benefits of using product:

- Suitable gluing in combination with porous materials: wood, cork, stone, ceramics,
- Suitable also for rough and absorbent surfaces
- For levelling on uneven surfaces
- Allows gluing on vertical surfaces
- Adhesive is packed with no-clog cap which prolong workability of already used product.

FIELDS OF APPLICATION CIANOKOL GEL is used for bonding porous and unporous materials. It is used for various house repairing, in electrical and automotive industries, in instrument manufacture and also in production of toys, sports equipment, souvenirs etc. Materials to be bonded are plastics, metals, rubber, wood, leather, ceramics, cork, wood. Not suitable for gluing polyethylene, polypropylene, Teflon, EPS (Styropor), XPS (Styrodur), silicone and glass.

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|------------------------|---|---------------------|
| CHARACTERISTICS | Chemical base | ethyl cyanoacrylate |
| | Appearance | transparent liquid |
| | Appearance of glue film | transparent |
| | Viscosity at 23°C, ISO 2555-Brookfield RVT) | gel |
| | Setting time at 23°C and 50% RAH, ICM 4/12 | up to 30 seconds |

DANGEROUS GOODS CLASSIFICATION The product is classified as dangerous (see safety data sheet)

APPLICATION Surfaces must be well prepared before gluing. Metals must be clean, without traces of fat, dust or rust. Therefore must be treated by brushing, cleaning with solvents or chemical processes. Plastic and rubber surfaces must be free of silicon separators, therefore must be clean with solvent (acetone, ethyl acetate). Cianokol is applied in small drops to one of the surfaces to be join together. The parts must be placed and fixed immediately. The setting time depend on gluing material and is 2 to 7 seconds. The final setting process is completed after 12 hours. Adhesive cures by reaction with humidity, therefore is setting time depend on relative air humidity and on moisture content in gluing materials.

Optimum working conditions:

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| Temperature of room and all materials involved | 20-25°C |
| Relative air humidity | 40-60% |

Where is required to separated bonded joint this is best achieved by immersion in acetone or ethyl acetate or by heating at the temperatures up to 200°C.

- CLEANING** Hardened adhesive is chemically very resistant, therefore is cleaning of surfaces from rests of adhesive very hard.
Cleaning of fresh adhesive is possible with acetone or ethyl acetate.
Testing of surfaces is recommended before cleaning.
- PACKING** Cianokol GEL:
- 12pcs x 3g aluminium tube on blister
- STORAGE** Keep product stored in dry, dark, and cool at temperatures between +2°C to + 8°C. Before application adhesive should be warmed on room temperature.
The shelf life of the original packed adhesives at room temperature is minimum 18 months.
- Storing at lower temperatures prolonged shelf life of adhesive. We suggest that once open packing is used as soon as possible.

The information provided herein, especially recommendations for the usage and application of our products, is based on our knowledge, results of laboratory tests and practical experience gained to date.
We guarantee a constant quality of our products under our technical specifications. Technical advice of our application department is available without obligation. This does not release the buyer from testing our products in his own responsibility with respect to their suitability for intended application and application process. Such an evaluation should be repeated if materials are changed in any way or bought from a different source.
We do not accept any liability with regard to above information or with regard to any verbal recommendation since different materials used in conjunction with our products as well as varying working conditions are beyond our control.