CIANOKOL UNI

Cyanoacrylate adhesives

DESCRIPTION

CIANOKOL UNI is a one-component colourless and solvent free cyanoacrylate adhesive. It cures in seconds at room temperature by catalytic effect of humidity.
Received glued joint is water and temperature resistant according EN 204 D4. Adhesive is packed into no-clog cap which prolong workability of already used product.

FIELDS OF APPLICATION

CIANOKOL UNI 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, cheramics, cork, wood.
Not suitable for gluing polyethylene, polypropylene, Teflone, EPS (Styropor), XPS (Styrodur), silicone and glass.

CHARACTERISTICS

Chemical base	ethyl cyanoacrylate
Appearance	transparent liquid
Appearance of glue film	transparent
Viscosity at 23°C, ISO 2555-Brookfield RVT)	≈ 30 – 150 mPas
Setting time at 23°C and 50% RAH, ICM 4/12	3 – 10 seconds
Water and temperature resistant joint:	according EN 204 D4

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:

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 UNI:

- 12pcs x 3g aluminium tube on blister

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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.