



# SUPER GLUE INDUSTRIAL

LIQUID, PROFESSIONAL INSTANT GLUE IN A CONVENIENT DISPENSER BOTTLE



## PRODUCT DESCRIPTION

Extra-strong, ultra-fast liquid instant glue. Professional glue quality in a safe-standing dispenser bottle. Water resistant.

## FIELD OF APPLICATION

Ideal for small-area bonds. Glues almost all solid and flexible materials like many plastics (such as rigid PVC, ABS, PS, Plexiglas®, polycarbonate (Makrolon®), and phenolic resins (Bakelite®)), porcelain, ceramics, leather, metal, wood, cork, felt, cloth (check suitability first), and rubber. Only partly suitable for glass (over a certain period of time the bond becomes brittle, causing it to weaken).

Not suitable for PE, PP, silicone resins, PTFE, Styrofoam®, fabrics and leather clothing.

## PROPERTIES

- Extra-strong
- Ultra fast
- Universal
- Colourless
- Water resistant
- With thin applicator

## PREPARATION

**Working Conditions:** Do not use at temperatures below +10 °C.

**Surface Requirements:** Surfaces to be glued must be clean, dry, and free of dust and grease, and must fit exactly.

**Preliminary Surface Treatment:** Any dust, oil, grease, wax or separating agent should be thoroughly removed from the surfaces to be bonded together. The best way to achieve this is to rub the parts a number of times with appropriate solvents, such as acetone (check suitability first). For metals and metal alloys it is usually sufficient to roughen the surface using emery paper or by grinding or brushing.

## APPLICATION

### Directions for use:

Apply the glue directly from the bottle, using the applicator, as thinly as possible onto one side (too much adhesive severely slows down the curing). Immediately press parts together for a short time (10-60 sec.). After use: Wipe off excess glue with a dry cloth and re-close the bottle by replacing the cap.

**Stains/residue:** Wipe off excess glue immediately with a dry cloth. After curing, glue residue is very difficult to remove. Acetone will dissolve glue but very slowly (check suitability first).

**Advice:** When glueing at low humidity, curing time can be shortened by briefly breathing onto one of the parts to be assembled. The best glueing results are reached at room temperature.

**Points of attention:** Contains cyanoacrylate. Bonds skin and eyelids together in seconds. If product comes into contact with the eyes, rinse immediately with plenty of water and seek medical advice. In case of contact with skin, glue can be dissolved by soaking in warm soapy water. Then apply a skin cream. May cause respiratory irritation. Avoid breathing vapours. Keep out of the reach of children.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.



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## TECHNICAL SPECIFICATIONS

|                                 |  |
|---------------------------------|--|
| Chemical base:                  | Ethyl cyanoacrylate  |
| Colour:                         | Crystal clear  |
| Consistency:                    | Liquid   |
| Density approx.:                | 1,05 g/cm <sup>3</sup>   |
| Final bond strength (Alu):      | 12 N/mm <sup>2</sup>   |
| Final bond strength after:      | 24 hours   |
| Initial Bonding after:          | 5-60 seconds. This might vary, based on circumstances, like materials, temperature and humidity. |
| Minimum temperature resistance: | -40 °C   |
| Maximum temperature resistance: | 80 °C  |
| Moisture resistance:            | Good   |
| Solvent free:                   | Yes  |
| Viscosity:                      | Low viscosity  |
| Water resistance:               | Very good  |

## PHYSIOLOGICAL PROPERTIES

Cyanoacrylate adhesives are to a great extent considered to be physiologically safe.

## STORAGE CONDITIONS

At least 18 months after production.

Limited shelf life after opening.

Store in a dry, cool, frost-free place. Storage below +5 °C (in refrigerator) ensures maximum shelf life.

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