SUPER GLUE LIQUID

ULTRA FAST AND STRONG SUPER GLUE

PRODUCT DESCRIPTION

Ultra fast and extra strong liquid super glue. Reaches smallest corners and joints.

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

· Ultra fast and strong
· Flows into smallest corners and joints

PREPARATION

Working Conditions: Do not use at temperatures below +10 °C. The glue responds best to an air humidity level of 50-70 %.
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 stuck together. The best way to achieve this is to rub the parts a number of times with appropriate solvents, such as acetone (if suitable for the material – check 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:
1. To pierce the membrane, turn the cap clockwise firmly onto the tube. Tip: do not press the tube while piercing. 2. Unscrew the cap to reveal the applicator. Apply the adhesive directly from the tube, using the nozzle, as thinly as possible onto one side (too much glue slows down the curing process significantly). Press parts together immediately. After use, clean nozzle with a dry tissue and replace 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.

TECHNICAL SPECIFICATIONS

Chemical base:	Ethyl cyanoacrylate
Colour:	Crystal clear
Consistency:	Liquid
Density approx.:	1,05 g/cm^3
Final bond strength (Alu):	12 N/mm^2
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

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

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.