

UHU®

SUPER GLUE 3D FILLER

ULTRA-STRONG LIQUID SUPER GLUE WITH A SPECIAL 3D FILLING GRANULATE



APPLICATION

Directions for use:

Position parts. 1. Apply the GRANULATE (No. 1) to one side (granulate height: max. 2mm). 2. Drizzle the ADHESIVE (No. 2) on the applied granulate; make sure to fully saturate it with adhesive. For deeper cracks or when more material is required repeat both steps as often as needed. For moulding small parts use baking paper as support and transparent tape as limitation. First use: To open the GRANULATE remove the cap and cut off the top section of the nozzle where indicated. To open the ADHESIVE turn the whole cap clockwise firmly onto the tube. Unscrew the top cap to reveal the applicator. After use: Clean nozzle of adhesive 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: 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.

PRODUCT DESCRIPTION

Ultra-strong liquid super glue with a special 3D filling granulate. Provides instantly a tough, weld-like seam of adhesive. Bonds all surfaces, fills gaps and cracks, strengthens connections, and moulds small broken-off parts. Can be sanded, drilled, and painted.

FIELD OF APPLICATION

Bonds, fills, strengthens, and moulds many plastics, porcelain, ceramics, glass, metal, wood, rubber, and much more. Not suitable for PE, PP, silicone resins, PTFE, and Styrofoam®.

PROPERTIES

- Ultra-strong 2-step super glue
- Set with special 3D filling granulate
- For instant, weld-like seams of adhesive
- Universal, gap-filling, material-moulding
- Sandable, drillable, and paintable

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.

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.

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 + Glass Powder
Colour:	Clear
Consistency:	Liquid (adhesive)
Density approx.:	1.10 g/cm ³
Filling capacity:	Very good
Final bond strength (Alu):	14 N/mm ² (pure adhesive)
Final bond strength after:	24 hours
Initial Bonding after:	<1 second (in combination with the granulate). 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 (adhesive)
Water resistance:	Very good

PHYSIOLOGICAL PROPERTIES

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

STORAGE CONDITIONS

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

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