

Blits Stik Gel

GEL FORMULA REPAIR ADHESIVE

TECHNICAL DATA SHEET

SMART ADVANTAGES

- NON DRIP, PRECISION APPLICATION
- INSTANT REPAIRS
- GAP FILLING
- VERSATILE, BONDING ALMOST ANYTHING

DESCRIPTION

Bostik Blits Stik Gel is a versatile cyanoacrylate based super glue formulated for strong instant bonds to most non-porous material such as metal, glass, ceramic, rubber. The gel formula is non drip, ideal for application to vertical surfaces, porous surfaces and those that are not so well mated. The packaging design allows for precision application of adhesive to small parts. It is ideal for quick DIY repairs in and around the home. Available as a 3g tube and a handy Mini Pack containing 4 x 1g single use tubes.

APPLICATIONS

Bostik Blits Stik Gel is ideal for instant DIY repair work in and around the home such as, repairing of figurines, costume jewelry, and toys. It is ideal for handicraft applications and gluing of small parts where clamping is not possible, or parts that do not fit perfectly flush together. Can be used for minor repairs in the car such as a loose rear view mirror or cracked tail light.

It can be used as a thread lock adhesive to prevent loosening of bolts. It is safe for using in aquariums for fixing of rocks and corals. Use also as a 'temporary fix' to hold things in place.

ADHESION

Metals, glass, ceramic, neoprene rubber, wood and some plastics i.e. PVC, ABS, polycarbonate and polystyrene.

LIMITATIONS

- Not suitable for paper, silicone rubber, and plastics such as polyethylene, polypropylene and Teflon.
- Not suitable where a flexible or gap filling bond is required.
- Not suitable for use in dishwasher, oven or microwave.

SAFETY INSTRUCTIONS

Bostik Blits Stik Gel is non-toxic. Care must be taken to avoid skin contact as it bonds skin instantly. Work in a well ventilated area as vapours can be irritating to eyes. In the event of eye contact, rinse thoroughly and immediately with water and seek medical attention. If fingers are accidentally bonded together, apply a solvent such as acetone (nail polish remover) to contact area to de-bond. Keep out of reach of children! Refer to our Safety Data Sheets for further toxicological information and comprehensive handling instructions.

SURFACE PREPARATION

Surfaces must be clean, dry and free from all loose materials, dust, dirt, oil, rust and any other contaminants. Non-porous substrates such as metals, glass and plastics should be degreased with a solvent. Do not roughen surfaces – optimal bonding is achieved using a smooth well mated surface, however, in some instances, such as when bonding some types of plastics, a light abrasion of the surface with emery paper may improve the bond.



HOW TO USE

1. Ensure that surfaces are prepared as above.
2. Open the tube by screwing the nozzle down to break the seal.
3. Apply one drop or smallest amount possible to one surface only. A thin glue film gives the strongest bond. Do not spread.
4. Press both surfaces together, wipe off excess with cloth, making sure that both substrates are well matched and tight fitting.
5. Keep pressed or held together for at least 30 seconds. DO NOT MOVE OR REPOSITION glued joint as this may impair final bond.
6. Setting time is affected by the nature of the substrate, ambient humidity, and temperature. Cold weather and condition of low humidity will retard setting time.
7. The glued item may be handled after 10min, however maximum bond strength is achieved after 12 hours.
8. After completion of job, wipe tip of plastic nozzle, replace cap tightly and store in a cool upright position.
9. To avoid adhesive whitening / blooming (caused by uncured super glue), always apply the smallest amount of glue, do not apply in hot temperatures or high humidity, and ensure a good airflow over the parts while assembling.

CLEANING

Uncured adhesive can be wiped off with a damp cloth. Cured adhesive can be removed mechanically with a sharp blade, with acetone or boiling water.

STORAGE STABILITY

Bostik Blits Stik Gel has a shelf life of at least 12 months if stored in a cool (below 21°C), dry place in its original moisture-tight container. We recommend storing in a refrigerator to lengthen the shelf life. Refrigerated packaging should be allowed to return to room temperature prior to use. Take care to store out of reach of small children. If the material is kept beyond the recommended shelf life, it is not necessarily unusable, but a check should be performed to observe whether the product is still workable.

PRODUCT PACKAGING

- 1 x 3g tube
- 4 x 1g mini

PRODUCT CHARACTERISTICS

Appearance	Clear, colourless gel
Type	Ethyl cyanoacrylate
Odour	Slight acrid, odourless when cured
Density (g/cm ³)	1.1 g/cm ³
Solids (%)	100
Viscosity	Thixotropic gel
Flash point	>80°C

TYPICAL PERFORMANCE DATA

Setting time	10-60 seconds (depends on substrate, temperature, humidity)
Practical cure	10 minutes
Full cure	12 hours
Gap filling	1mm
Service temperature range	Approximately -55 to 82°C
Tensile strength : steel-steel [ASTM 2095]	12 - 22N/mm ²
Water resistance	Good. Prolonged immersion can decrease adhesive strength
Oil resistance	Very good resistance to motor oils

DISCLAIMER

The above information is only offered as a guide to the use of this product. Furthermore, users should satisfy themselves that it is suitable for their needs. Since we have no control over the conditions under which it is used, we cannot accept responsibility for the problems caused by the use and/or application of this product.

Head Office: +27(0)21 555 7400
 Beverley Close, Montague Gardens, 7441
 PO Box 37008, Chempet, 7442
www.bostik.co.za

ASK A STICKY QUESTION...

www.stickyquestions.co.za
 0800 222 400

