

EVO-STIK Epoxy Rapid Syringe

A TWO PART, MULTIPURPOSE EPOXY RESIN ADHESIVE

Date: 14 September 2015

Fact Sheet No.: TDS01664

YOUR SMART ADVANTAGES		TYPICAL PERFORMANCE DATA (Approx.)	
– Gives a strong bond in minutes		Flammability	Non-flammable
– Can be roughly handled/machined in 30 minutes		Setting Time	About 6 to 7 minutes at 23°C
– Syringe enables equal amounts of resin and hardener to be dispensed and features a resealable cap		Sandability	Sandable. Please wear a dust mask.
–		Paintability	Good, but confirm by test. Fine sanding helps. Please wear dust mask.

USES

EVO-STIK Epoxy Rapid Syringe is a solvent free, low odour, two-part rapid curing epoxy adhesive. EVO-STIK Epoxy Rapid Syringe will bond a wide range of materials including metal, wood, masonry, ceramics, glass, leather, rubber, chipboard, concrete, cardboard, fabric and most plastics.

PRODUCT CHARACTERISTICS

Colour	Resin: Pale Yellow Hardener: Pale Yellow
Form	Liquid
Specific Gravity	1.14 approx.
Composition	Resin: Epoxy Resin Hardener: Amine Hardener
Product Code	30813386 1 x 6 25ml syringes in blisters
Storage/Shelf Life	Store for up to 36 months when stored in original, unopened packaging under cool dry conditions within the temperature range of +5°C to +25°C.

DIRECTIONS FOR USE

IMPORTANT: Before using EVO-STIK Epoxy Rapid Syringe refer to the relevant Health & Safety Data Sheet, available at www.bostik.co.uk.

PREPARATION

1. Make sure surfaces are dry, clean and free from dust, dirt and grease. For even better bonding slightly roughen surfaces with a suitable abrasive paper.
2. Following the instructions on the back of the blister card, dispense equal volumes of resin and hardener onto a clean disposable surface or the tray provided. Wearing gloves is recommended. Not mixing according to instructions will weaken the bond. Stir well for 45 seconds with the plastic spatula provided, ensuring a thorough mix. Use within 2 minutes. Attach the resealable cap to the nozzles as soon as possible.

APPLICATION

3. Apply the mixed adhesive to both surfaces of the joint and assemble carefully (a layer of adhesive 0.10 to 0.20mm thick will normally impart the greatest lap shear strength to the joint).
4. Keep the joint supported until set (using clamps or tape etc.) for about 10 minutes. Allow 30 minutes before rough handling/machining. Under normal conditions EVO-STIK Epoxy Rapid Syringe attains its full strength after 24 hours at 20°C. Exact setting time depends on temperatures and the quantities mixed. Setting times may be shorter in hot weather. In cold conditions the rate of curing of the mixed adhesive may be slowed



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down significantly and weak joints may result. Best results are achieved between 20°C to 25°C. Do not use below 5°C.

5. For a perfect finish carefully remove any excess adhesive with a sharp knife before the adhesive has fully hardened.

CLEANING

6. Uncured resin/hardener mixtures can be cleaned from tools using cellulose thinners, acetone or methylated spirits, which is more readily available. Solvents must always be handled with due care as they may be hazardous or flammable.
7. Please note the solvents may attack some rubbers, plastics, painted surfaces, fabrics etc. Bear this in mind if intending to use solvent to remove excess adhesive, carry out a preliminary test first.
8. Cured adhesive residues can usually be dissolved from tools by soaking in commercial paint stripper. Refer to the paint stripper manufacturer's instructions for use and safe handling. Assess a small trial area before general work.
9. The adhesive may be removed from the skin using a suitable propriety hand cleaner. Contact with the skin should however be avoided. Do not use solvents in contact with the skin. Always open and use adhesive products over a protected surface, and avoid contact with clothing.

PRECAUTIONS IN USE

Do not use EVO-STIK Epoxy Rapid Syringe to repair or make items that will contain food or drink. Not recommended for bonding polyolefin's (e.g. polythene or polypropylene). Thorough mixing is the key to getting a good cured product. Simply stirring leaves unmixed materials at the edges. Always fold in the edges then re-stir. Cured adhesive may slightly yellow if exposed to sunlight for long periods, even through windows. Not suitable for bonding oven doors or car mirrors.

For any application not covered contact Technical Services on +44 (0)1785 272625 or visit www.bostik.co.uk.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data Sheet for EVO-STIK Epoxy Rapid Syringe, available at www.bostik.co.uk.



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