

Date: 21 December 2011

Information Sheet No.: TDS01664

EVO-STIK RAPID SYRINGE

A TWO PART, MULTIPURPOSE EPOXY RESIN ADHESIVE

Evo-Stik Rapid is a solvent free, low odour, two-part rapid curing epoxy adhesive. Evo-Stik Rapid will bond a wide range of materials including metal, wood, masonry, ceramics, glass, leather, rubber, chipboard, concrete, cardboard, fabric and most plastics. Before using this product refer to the relevant Health & Safety Data Sheet.

Uses

- Bonds in minutes
- Can be roughly handled/machined in 30 minutes
- Will not rust

Product Characteristics

Colour	Resin: Pale Yellow / Hardener: Pale Yellow
Form	Liquid
Specific Gravity	1.14
Composition	Epoxy Resin/Amine Hardener
Product Code	808522 1x6 25ml syringes in blisters
Shelf life/storage	1 year when stored in cool dry conditions in sealed containers. Store in dry conditions between 5°C and 25°C.
Typical Performance Data (approx.)	
Flammability	No
UN Number	Resin: 3082 / Hardener: Not classified for transport
Setting Time	About 6-7 minutes @ 23°C
Temperature	-40°C to + 70°C
Sandability	Sandable. Please wear dust mask.
Paintability	Good, but confirm by test. Fine sanding helps. Please wear dust mask.

Directions for use

IMPORTANT

Before using this Evo-Stik Rapid Epoxy refer to the relevant Health & Safety Sheet. Available at www.bostik.co.uk named as the code above.

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

1. Apply the mixed adhesive to both surfaces of the joint and assemble carefully (a layer of adhesive 0.10 to 0.20 mm thick will normally impart the greatest lap shear strength to the joint).
2. 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 Rapid attains its full strength after 24 hours. 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 down significantly and weak joints may result. For the best results use between 20°C and 25°C.
3. For a perfect finish carefully remove any excess adhesive with a sharp knife before the adhesive has fully hardened.

Date: 21 December 2011

Information Sheet No.: TDS01664

Cleaning

1. Uncured resin/hardener mixtures can be cleaned from tools using cellulose thinners or acetone. Solvents must always be handled with due care as they may be hazardous or flammable.
2. 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, and carry out a preliminary test first.
3. 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.
4. The adhesive may be removed from the skin using a suitable proprietary 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 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 margins. Always fold in the does 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 health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data Sheet Evo-Stik Rapid Syringe.

Date: 21 December 2011**Information Sheet No.: TDS01664**

Sales & Technical contacts at Bostik	Telephone	Facsimile	Email addresses
Sales	0844 371 1192	01785 241818	customer.service@bostik.com
Technical advice	0844 371 1197	01785 272867	technical.service@bostik.com
Technical Data & COSHH (MSDS) sheets	01785 272625	01785 212962	stafford.gatehouse@bostik.com

This disclaimer is issued by Bostik Limited ("the Company") and applies to the use of any products supplied by the Company ("the Products") displayed on this Technical Data Sheet ("TDS"). Please read this disclaimer carefully before using any of the Products. Using this TDS and/or the Product constitutes your acceptance of this disclaimer. Its contents shall prevail over any directions of use and any disclaimer and/or exclusion or limitation of liability of the Company which may appear on the packaging of the Products.

This disclaimer sets out the entire financial liability of the Company (including any liability for the acts or omissions of its employees, agents and sub-contractors) to any user of the Products ("Product User") in respect of any use made or resale by the Product User, of any of the Products in this TDS.

This disclaimer does not affect the Company's liability for death or personal injury arising from the Company's negligence in respect of the Products, nor its liability for fraud, or fraudulent misrepresentation, nor any other liability which cannot be excluded or limited under applicable law.

The Company's total liability however arising and whether caused by tort (including negligence and breach of statutory duty), breach of contract or otherwise, arising in connection with the use made or resale by the Product User of any of the Products in this TDS shall be limited to the price paid for the Product by the Product User.

The Company shall not be liable to the Product User for any pure economic loss, loss of profit, loss of business, depletion of goodwill or otherwise, in each case whether direct, indirect or consequential, or any claims (including in respect of personal injury insofar as not caused by the Company's negligence) for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the use made or resale by the Product User of any of the Products in this TDS.

The Company shall not be liable to the Product User in relation to any loss for any use which is inappropriate or use which is otherwise than in accordance with the relevant instructions for use of the Products in this TDS or on the Product. Product Users are advised to confirm the suitability of the Products by their own tests.

This TDS covers just one of a large range of products supplied by the Company.

Full information on these products and advice on application is freely available from our fully trained staff throughout the country. In addition, specialist technical advice is available from our Technical Services Department. This TDS supersedes all previous TDSs relating to the Products, and users of it must ensure that it is the current issue. Destroy all previous TDS, and if in any doubt, contact the Company, quoting the code number in the top right hand corner on the front of this document.