

# Soft Plastics

## RUBBER AND VINYL ADHESIVE

### TECHNICAL DATA SHEET

#### SMART ADVANTAGES

- QUICK DRYING
- WATERPROOF
- FLEXIBLE

#### DESCRIPTION

Bostik Soft Plastics Adhesive is a strong water resistant polyurethane based adhesive, designed for long lasting repairs of objects made from common soft and flexible plastics. It is quick drying leaving a clear and almost invisible glue line. Ideal for repair of inflatable swimming pool toys.

#### APPLICATIONS

Repair of inflatable toys, plastic raincoats, lilos and vinyl swimming pools. Also suitable as a general purpose glue for DIY repairs around the house and for arts and craft.

#### ADHESION

Adheres to rigid and soft (plasticized) PVC, ABS, Perspex, Polystyrene (solid), Formica polyurethane, and fiberglass. Also bonds a variety of other materials such as metal, glass, porcelain, ceramic, leather, most rubbers, felt, cork, fabric, cardboard, paper, coated and uncoated wood.

#### LIMITATIONS

- Not suitable on plastics such as polypropylene, polyethylene.
- Not suitable on expanded polystyrene, rayon and acetate fabrics, EPDM and silicone rubber.

#### SAFETY INSTRUCTIONS

Bostik Soft Plastics Adhesive is flammable. Always work in a ventilated area. Do not breathe in vapours. Avoid exposing product to any ignition sources. Do not smoke when working with Bostik Soft Plastics. It is advisable to wear gloves in order to avoid direct contact with the skin. If product comes in to contact with skin or eyes, rinse thoroughly and immediately with water. Seek medical attention if irritation or discomfort persists. 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. For improved adhesion, surfaces should be lightly abraded and then wiped with a solvent such as acetone. Poor surface preparation may result in a weak bond and delamination of the substrates along the glue line.

#### HOW TO USE

1. Ensure that surfaces are prepared as above.  
Wet stick method:
2. Spread an even film of adhesive onto both surfaces. If required, use the PVC patch provided.
3. Leave the surfaces open for approximately 5 minutes, until almost dry.
4. Bring surfaces together firmly until bonded. If necessary, hold together with a clamp or tape.
5. Full strength develops after 24 hours.



Dry stick method:

6. This application method achieves the strongest and fastest bond. It is ideal for heavy duty repairs or when an initial high bond strength is required.
7. Spread an even film of adhesive onto both surfaces. Allow to dry completely.
8. Re-activate the glue by applying a suitable heat source over the surfaces, e.g. a hairdryer.
9. Once the surfaces are very hot, bring together and press firmly to ensure good contact for about 2 minutes.
10. Depending on application, object may be handled immediately.
11. Full strength develops after 24 hours.

**CLEANING**

- Wet adhesive can be cleaned with acetone.
- Dried adhesive can be removed mechanically or with acetone. If using acetone, check for substrate compatibility prior to use.

**STORAGE STABILITY**

Bostik Soft Plastics Adhesive has a shelf life of at least 12 months if stored in a cool (below 25°C), dry place in its original container. 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**

- 25ml Tubes

**PRODUCT CHARACTERISTICS**

Type	Polyurethane
Appearance	Clear viscous liquid
Density (g/cm <sup>3</sup> )	Approximately 0.9
Odour	Mildly pungent odour
Solids (%)	Approximately 15
Viscosity (cps)	Approximately 3500

**TYPICAL PERFORMANCE DATA**

Initial setting time	10 minutes to 2 hours (depending on porosity of substrate)
Final setting time	24 hours
Temperature resistance	Approximately -20 to 80°C
Water resistance	Excellent

**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.

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