



# HARD PLASTIC

## WATER RESISTANT POLYURETHANE SOLVENT-BASED ADHESIVE

TECHNICAL SHEET 11/10/2023

### SMART ADVANTAGES

- Ultra strong
- Instant permanent bond
- Heat and water resistant
- Fast setting bond
- Long lasting bond
- Easy to apply
- Non-stain
- **Bonds most rigid plastics** including PVC-U, ABS and high polystyrene

### DESCRIPTION

**Bostik Hard Plastic** is a water resistant polyurethane solvent-based adhesive for tough repairs of most **plastics\***: including hard and clear rigid plastics including PVC-U, ABS and high polystyrene. Can be applied using comb or brush. Can give immediate strength on contact.

\* **Except:** polyolefins (e.g. PP & PE) silicone

### FUNCTIONAL CHARACTERISTICS

**Bostik Hard Plastic** adhesive has wide range of uses for repairing household items. **Bostik Hard Plastic** adhesive is also useful for sticking most clear plastics, wood, metal and leather. Also, it is specially designed to provide firm initial and end bond strength, non-stain and easy to apply. **Bostik Hard Plastic** adhesive is suitable for a room temperature bonding.



### TECHNICAL CHARACTERISTICS

<b>Main ingredient</b>	Polyurethane
<b>Appearance</b>	Translucent liquid
<b>Solid content</b>	24-26%
<b>Viscosity</b>	47,000-53,000 cps
<b>Diluent</b>	Acetone and Methyl ethyl ketone
<b>Flammability</b>	Highly flammable
<b>Water Resistance</b>	Very good
<b>Heat Resistance</b>	+ 60°C

## APPLICATION

### PREPARATION

- Make sure all surfaces to be bonded are clean and dry, free from dust, dirt and grease.
- Recommended to use protective gloves during use.

### APPLICATION

- Point the tube away from you and unscrew the cap. Push the top of the cap into the top of the tube to pierce the tube then screw on the tube.
- Apply the adhesive in a thin, even layer on both surfaces with a brush.
- Leave the coated surfaces until the adhesive is just tacky, allow solvents to evaporate approximately **10 minutes\*** at normal room temperature, before assembling.
- Ensure the surfaces are accurately aligned and then press firmly together in order to have immediate bonding.
- Reaches its full effective strength after **24 hours**.

**\*This might vary, based on circumstances, like materials, temperature, and humidity.**

### CLEANING

- After use, wipe the nozzle with a clean dry cloth (avoiding skin contact).
- **Bostik Hard Plastic** adhesive can be removed using acetone before set. Solvents can damage some surfaces, therefore carry out a test on a small area first.

### STORAGE AND SHELF LIFE

**Bostik Hard Plastic** adhesive must always be kept in tightly closed containers. Moisture, including air humidity, must be excluded whenever contents are taken from a container or transferred from one container to another.

Small quantities should therefore be taken not from a large container, but from a suitable size container intended for current use.

Containers are primarily suitable for keeping **Bostik Hard Plastic** adhesive. Suitable closures include caps with seals. Seal that is made from materials which releases alkaline substances are not recommended.

- Store in dry and cool place at **20°C**.
- Use within **18 months** from the date of manufacturing.

### PACKAGING

<b>Product Code</b>	30625139
<b>Volume</b>	20ml/blister pack
<b>Packing</b>	12 blister packs per box

### HEALTH AND SAFETY PRECAUTIONS

#### HAZARDS

- DANGER
- Causes serious eye irritation
- May cause drowsiness or dizziness.
- Highly flammable liquid and vapour

#### PRECAUTION

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
- No smoking during use
- Avoid inhalation of mist or vapours.
- Use in outdoors or in a well-ventilated area.
- Wear appropriate respirators and safety goggles
- Wash the hand or face by soap and water after handling.
- **Keep out of reach of children**



Highly Flammable



Danger

#### DISCLAIMER

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#### BOSTIK HOTLINE



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