



technical data sheet

BOSTIK

HOT MELT GLUE STICKS CLEAR

FOR MGH MINI GLUE GUN & HG3 GLUE GUN

PRODUCT

Bostik MGH & HG3 clear glue sticks are made of a general purpose translucent flexible hot melt in a stick form for use with the Bostik MGH & HG3 Glue Guns.

DESCRIPTION

Bostik MGH & HG3 glue sticks in conjunction with a Bostik MGH Mini Glue gun and HG3 glue gun, provide an instant, fast, clean and versatile bond between a myriad of household and craft materials. They are made from a translucent/clear and flexible hot melt adhesive suitable for many porous materials.

RECOMMENDED USES

The MGH and HG3 Glue sticks are ideal for lightweight DIY, hobby, craft work, home decor projects and for minor household repairs. In conjunction with a MGH Glue Gun or a HG3 Glue Gun, provide an instant bond for most craft and household materials including, fabric, wood, leather, most plastics, polystyrene, and ceramics. Good in applications where "bond line appearance" is important.

FEATURES & BENEFITS

- Once heated and gunned out, provide instant adhesion
- Adhesive is clear and flexible when dry.
- Fast, clean and versatile.
- High strength bond
- Non toxic, no fumes
- Very low odour
- No wastage as its a solid adhesive
- Long shelf life
- Adheres to most craft and household materials

PERFORMANCE PROPERTIES

Form	Clear cylindrical stick
Colour	Translucent
Odour	Very low
Softening range	78-87°C
Specific Gravity	0.91 to 0.98 g/cc @ 25°C BTM D001
Viscosity @ 180°C	13000 – 15000 cps BTM V001
Temperature Resistance	-15°C to +65°C
Working Time	30 seconds
Bond strength	50% after one minute and fully cured within 2 hours

PACKAGING

MGH Glue sticks are blister packed and have 10 units in a cut-case carton.

The HG3 90mm length sticks are blister packed and have 10 units in a plain carton.

The HG3 180mm length stick is packed in a poly bag with header card and has 10 units in a plain carton.

APPLICATION INSTRUCTIONS

Use with a **Bostik electric glue gun**.

1-PREPARATION

- Ensure surfaces to be bonded are clean, dry and free from grease, oil and other foreign materials. If necessary, wipe plastic and metal surfaces with lighter fluid.
- For non-porous surfaces such as metal, if possible pre-warm substrate to at least 90°C as higher bond strengths will be achieved.
- Insert glue stick gently through tunnel at back of gun. Never use excessive force as the glue stick will clog the channel.
- Plug cord into an electrical outlet and wait 5 minutes to heat up the glue. Ensure glue is hot or glue will not extrude through the gun.

2-APPLICATION

- Apply adhesive by gentle continuous pressure and to the more difficult surface to bond (usually smooth surfaces are more difficult to adhere than rough, porous surfaces).
- Release trigger to stop flow of glue.
- Glue does not need to be spread. **Do not touch** molten adhesive, as temperatures around 200°C will cause serious burns.
- Join surfaces as quickly as possible for optimum bond strength.
- To bond foam products such as polystyrene foam to another surface, apply adhesive in an "S" pattern to the surface to which the foam will be bonded, rather than directly to the foam.
- To bond fabrics, use a smaller "S" pattern for additional strength.
- Small drops of glue can be easily removed when cold.
- Residual glue can be remelted and removed from most bonded surfaces with a warm knife.
- When you have finished using the gun, switch off and unplug it.
- Allow the glue stick to remain in the gun – **do not remove stick from rear of gun at any time.**

LIMITATIONS & PRECAUTIONS

- Do not allow the nozzle tip of the heated gun to make contact with any surface as it may cause damage. Hot molten glue may damage some surfaces.

- Do not leave gun unattended and unplug cord when not in use.
- Children should only use the gun under adult supervision.
- Do not use the gun in damp or wet conditions or expose it to rain.
- Never put any object in the gun other than the glue sticks recommended.

HEALTH AND SAFETY

- **Use extreme care;** molten material will burn skin. Do not touch molten glue or hot parts of gun.
- Wear protective clothing and eye protection when working with hot glue.
- Do not immerse the glue gun in water as it will cause electrical shock.

First Aid

Do not touch molten glue or hot parts of gun. If burnt, immediately immerse the contact area in cold, clean water

for five minutes. For severe burns, contact a doctor. Do not attempt to remove glue from skin.

STORAGE

Store in a cool, dry area preferably below 30°C. May be transported by road, rail or air as product is non-hazardous.

Item No:	Description	Units per Carton
259993	MGH Craft Glue Sticks (7.2mmø x 100mm L)	10
260002	MGH Hardware Glue Sticks (7.2mmø x 100mm L)	10
260118	HG3 Glue Sticks (12mmø X 95mm L)	10
260126	HG3 Glue Sticks (12mmø X 180mm L)	10

The representations and recommendations regarding the products are based on tests which we believe to be reliable. However, no guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with a limited warranty only, and on the condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik Australia Pty Ltd be liable to anyone except for replacement of the products or refund of the purchase price.

ALL SALES ARE EXPRESSLY LIMITED TO THE TERMS AND CONDITIONS OF SALE OF BOSTIK AUSTRALIA PTY LTD



BOSTIK AUSTRALIA PTY LTD
 Phone: +61-3-9279 9333
 Fax: +61-3-9279 9240

BOSTIK NZ LIMITED
 Phone: +64-4-567 5119
 Fax: +64-4-567-5412

BOSTIK SINGAPORE PTE LTD
 Phone: +65-6863 4088
 Fax: +65-6863 4077

BOSTIK (MALAYSIA) SDN BHD
 Phone: +606 764 3246
 Fax: +606 764 3248

SYDNEY
 Phone: 02 8825 3488
 Fax: 02 8825 3411

ADELAIDE
 Phone: 08 8244 0511
 Fax: 08 8244 0522

PERTH
 Phone: 08 9258 6218
 Fax: 08 9258 7687

BRISBANE
 Phone: 07 3260 2206
 Fax: 07 3260 2123

(ABN 79 003 893 838)

Product:	Clear Hot Melt Stick
Issue Date:	February 2002
Issue No:	2
Division:	Craft
Total Pages:	2

FOR FURTHER INFORMATION