

TRIPLE 5 BSR

LAMINATING ADHESIVE

21 November 2016

YOUR SMART ADVANTAGES

- High performance neoprene
- Can be applied by brush, spray or roller
- Versatile for bonding most common substrates
- Can be heat activated
- Good heat and water resistance

USES

- Bonding decorative laminates such as Formica, Laminex etc. to particle board
- Bench top laminating
- General bonding for plywood, galvanized iron, wood veneer, plasterboard.
- Most general laminating requirements

PRODUCT CHARACTERISTICS

Colour	Natural and red
Viscosity	Medium
Composition	Neoprene solvent based adhesive
Solids content	Approx. 20%
Application temperature	5 to 40°C
Tack time	5 - 10 minutes
Open time	Contact: 10 - 60 minutes dependant on substrate and temperature Heat activation: 24 hours max.
Full cure	High strength after 24 hours, final bond strength can take up to 7 days.
Thinner	Bostik No.2 Solvent. Do not exceed 10% thinner addition.
Coverage	6 - 10m ² /L per surface, dependent on porosity and application. Absorbent surfaces may require two coats.

Product codes

Natural	30804280
20L metal pail	30602767
200L metal drum	
Red	
4L metal can/ 2 per carton	30804350
20L metal pail	30804339
200L metal drum	30804333

TYPICAL PERFORMANCE DATA (APPROX)

Peel strength (7 days)	16Kg/25mm canvas to canvas
Peel strength at 60°C	11Kg/25mm canvas to canvas
Shear adhesion failure temp.	>160°C at 16kPa load
Water resistance	Excellent
Solvent resistance	Good for oil and petrol
Humidity resistance	Excellent
Service temperature*	-20 to +80°C
Transient temperature	160°C maximum

* The adhesive will deteriorate if subjected to high temperatures and/or humidity on a continuous basis.

DIRECTIONS FOR USE

Highly flammable liquid and vapour. Read and understand the Safety Data Sheet before using this product.

SURFACE PREPARATION

Always ensure that the surfaces to be sealed are dry and free from oil, dirt and grease. Use the two wipe cleaning process for impervious substrates with Bostik Solvent No. 2. Ensure the cloths are clean and changed frequently. Severe service conditions or difficult materials may require a primer, consult Bostik for assistance.

APPLICATION

- If you have not used a contact adhesive before, make practice bonds first to ensure that your methodology is correct. The bond should always be quite firm immediately after consolidating the joint.
- Materials may vary - prepare a test piece first to

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ensure the adhesive and bonding process is suitable.

- In cold or damp conditions, cooling by solvent evaporation may cause water vapour to condense onto the adhesive film. Keep adhesive and components in a warm area and carry out all safety precautions involved with working with flammable liquids.
- Stir thoroughly with a flat-bladed paddle to disperse any settled solids before use.
- Spray, brush or roll an even film of adhesive to both surfaces to be bonded, taking care to achieve good coverage at the edges.
- Coverage should be 100% of both surfaces for best adhesion. The most common cause of poor bonding is insufficient adhesive.
- On porous surfaces more than one coat may be required to achieve an even film on the surface. Allow previous coats to dry sufficiently (max 24 hours) before re-coating. Applying wet on wet adhesive will cause excessive soak-in.
- The porosity of a surface may be judged by applying a droplet of water. If the water beads the substrate is not porous, if the bead soaks in the substrate is porous.
- Allow the last coat of adhesive to dry for about 5 minutes, or until the film can be touched with the knuckles without any cement being transferred.
- Bonding must be carried out within 60 minutes of applying the adhesive.
- Carefully align the two surfaces, and join together. Take care not to trap any air and use as much pressure as possible. The recommended minimum pressure required to give a good bond is 280kPa (40psi).
- The bond is immediate. If the pieces are misaligned, peeling apart and rejoining will require fresh adhesive to be applied to both surfaces, then allowed to tack off before re-bonding.
- If bonding non-absorbent surfaces, allow the adhesive to dry for a longer period before bonding. This reduces the chance of bubbling after bonding due to entrapped solvent.
- After extended open times always check the initial bond strength. If the adhesive film has lost tack due to excessive open time, recoat lightly with more adhesive before re-bonding.
- To heat activate, the surfaces must be allowed to dry fully as wet or tacky adhesive is highly flammable. Heat the surface to 90°C and then bond within 10 minutes.

LIMITATIONS

- Not suitable for polyethylene, polypropylene or Teflon.
- Not suitable for heavily plasticised PVC, such as PVC coated fabrics, contact Bostik for information on alternative options.
- Not suitable for plasticized PVC under high or flex loadings, such as PVC shoe sole bonding, contact Bostik for information on alternative options.
- Do not use on copper or brass.
- Do not use on expanded Polystyrene foam.
- Not suitable for continuous immersion.

CLEANING

Bostik No. 2 Solvent or Mineral Turpentine
Use Bostik No. 3 Solvent or White Spirits immediately to remove adhesive from sensitive surfaces such as PVC.
Use Bostik Handy Wipe towels to remove adhesive from skin.

STORAGE AND SHELF LIFE

Store in cool, dry conditions out of direct sunlight below 25°C and away from naked flame or sources of heat. Store according to Dangerous Goods regulations. Shelf life is 12 months if stored in cool, dry conditions in original, unopened containers.

DISPOSAL

Empty containers, once dry, may be disposed of via local landfill.

If spilt, beware of flammable vapours. Absorb product with clay, sand or earth. Collect in properly labelled metal containers. Dispose of according to local authority regulations. Do not dispose of down drains or into waterways. Fully dried material is not hazardous.

PRECAUTIONS IN USE

Complete details on each of the products mentioned are available on the product Safety Data Sheets. To ensure no harm is caused to persons using Bostik products, it is recommended that all concerned read the appropriate Safety Data Sheets. Visit www.bostik.co.nz for copies.

HIGHLY FLAMMABLE – KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME

USE WITH ADEQUATE VENTILATION

WEAR GLOVES

KEEP OUT OF REACH OF CHILDREN

KEEP CLOSED WHEN NOT IN USE

FIRST AID

Swallowed: Do not induce vomiting, give a glass of water and contact a doctor immediately.

Skin: Remove contaminated clothing, wash with warm soapy water. Cooking oil may aid removal. Do not scrub.

Inhaled: Remove person to fresh air. Get medical advice if breathing becomes difficult. If inhaled to excess, remove from contaminated area – apply artificial respiration if not breathing.

Eyes: Hold open and flood gently with water for at least 15 minutes. Get medical advice.

For emergency information contact the National Poisons Information Centre, phone 0800 764 766 (0800 POISON) or CHEMCALL, phone 0800 243 622.

BOSTIK HOTLINE

Smart help 0508 222 777



This datasheet is for the general help of users. It is provided in good faith. The data is current and accurate to the best of our knowledge. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. Users should carry out tests to decide the product's suitability for purpose. This data sheet and the properties of the product may change without notice. Users, suppliers and retailers should check that the data sheets they have are the latest. To the maximum extent permitted by law, Bostik disclaims all warranties in relation to manufacture and use of the product. Bostik is not liable for representations made by users, suppliers or retailers about the product. Bostik is not liable for any loss or damage resulting from incorrect, careless, or negligent use or storage of the product, including use of out of date product. Any liability arising from use of the product is limited to the replacement or purchase price of the product. Bostik does not exclude rights and remedies that be excluded by legislation, for example under the

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