



1456 LAMINATING ADHESIVE

SPRAYABLE CONTACT ADHESIVE

12 April 2017

YOUR SMART ADVANTAGES

- Neoprene solvent based for excellent durability
- Quick drying with strong initial grab
- Very good heat and water resistance
- Available in Natural, or Red for visible indication of spray coverage

USES

- Benchtop laminating where high heat and water resistance are required.
- Post-forming rolled edge benchtops, using heat reactivation method.
- Ideal for motor-home and marine fit-out work.
- Heavy duty bonding of fabrics and textiles. Also suitable for wood, laminates, rubbers, cementitious materials, fiberglass and common metals such as aluminum and zinc coated surfaces. Suitable for light duty bonding of plasticised PVC.
- Textile applications include: Bonding of carpet and lining fabrics, leather, furniture foam.

PRODUCT CHARACTERISTICS

Colour	Natural or red
Viscosity	Sprayable
Composition	Neoprene solvent based adhesive
Solids content	Approx. 19%
Application temperature	5 to 40°C
Tack time	Approx. 5 minutes
Open time	Up to 30 minutes
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, depending on surface and application method. Absorbent surfaces may need two coats.

Product codes

Natural	
20 L metal pail	30804345
Red	
20 L metal pail	30804215
210L metal drum	30804214

TYPICAL PERFORMANCE DATA (APPROX)

Peel strength (7 days)	17Kg/25mm canvas to canvas
Peel strength at 60°C	11Kg/25mm
Shear Adhesion Failure Temperature	>160°C at 16kPa load
Staining	Will not stain adjacent materials. The adhesive film itself will darken over time
Water resistance	Excellent, but not for continuous immersion
Solvent resistance	Good resistance to oil and petrol, but will not withstand prolonged immersion.
Humidity resistance	Excellent
Service temperature*	-20 to +50°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

Ensure all surfaces are clean and dry.
 Rubber: Roughen the surface thoroughly using a clean emery cloth and dust off.
 Thermoplastic Rubber (TPR): Solvent wipe using Bostik No. 3 Solvent, change cloth often.
 Metal: Remove rust or oxidation layer by sanding or sand blasting. Immediately solvent wipe using Bostik No. 3 Solvent using the wipe on, wipe off technique, changing cloths regularly. Do not leave the solvent to flash off on its own without wiping off. Bonding must

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be carried out as soon as possible to avoid flash rust or oxidization.

Non porous substrates: Solvent wipe using Bostik No. 3 Solvent using the wipe on, wipe off technique. Abrade smooth surfaces to improve adhesion.

Severe service conditions or difficult materials may require a primer, consult Bostik for assistance.

APPLICATION

- If you have not used a contact adhesive before we recommend that you prepare a few practice pieces first to ensure that your methodology is correct.
- Materials may vary – prepare a test piece first to ensure product and process is suitable. Some laminated textiles may curl, wrinkle or delaminate after the adhesive is applied, due to solvent swelling of the surface.
- Coarse fabrics may require multiple coats of adhesive for maximum peel strength.
- 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 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 several coats 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 two films to dry for about 5 minutes, or until they can be touched with the knuckles without any cement being transferred.
- Bonding must be carried out within 30 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 and if the pieces are misaligned they cannot be separated and re-joined. Fresh adhesive will need to be applied to both surfaces and allowed to tack off before re-bonding.
- If bonding to non-absorbent surfaces allow the adhesive to dry for a longer period. This allows more solvent evaporation and reduce chances of bubbling after bonding due to entrapped solvent.
- After long open times always check the initial bond strength, to ensure that the adhesive films have fully consolidated together. If the adhesive film has lost tack due to excessive open time, recoat lightly with more adhesive.

LIMITATIONS

- Not suitable for polyethylene, polypropylene or Teflon.
- Not suitable for plasticized PVC except for low stress bonds. Contact Bostik for information on alternative options.

- Do not use on copper or brass
- Do not use on expanded polystyrene foam

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

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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 Consumer Guarantees Act 1993. Sale of the product by Bostik is subject to the Bostik New Zealand Limited Conditions and Terms of Sale. For more information on Bostik, products, and conditions of use and sale visit www.bostik.co.nz.

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