

BOSTIK 1222

BRUSHABLE CONTACT ADHESIVE

21 November 2016

YOUR SMART ADVANTAGES

- Premium neoprene formula
- Strong initial bond
- High bond strength
- Excellent durability
- Good heat and water resistance

USES

- Wide range of substrates: Wood, laminates, fabrics and textiles including leather, cementitious materials, fibreglass, rubbers. Excellent adhesion to common metals including stainless steel, aluminum and zinc surfaces.
- Flooring: Bonding of carpet, vinyl sheet & skirting, and stair nosing.
- Footwear Industry: 1222 is an excellent sole attaching cement and is recommended for use on leather, rubber and EVA.

PRODUCT CHARACTERISTICS

Colour	Natural
Viscosity	Brushable
Composition	Neoprene solvent based adhesive
Solids content	Approx. 23%
Application temperature	5 to 40°C
Tack time	5 - 10 minutes
Open time	10 - 20 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	4 - 9m ² /L per surface, depending on porosity and application. Absorbent surfaces may need two coats.
Product codes	
500mL tin/10 per carton	30804138

1L tin/4 per carton	30804140
4L tin/2 per carton	30804139
20L metal pail	30804141

TYPICAL PERFORMANCE DATA (APPROX)

Peel strength (7 days)	13Kg/25mm canvas to canvas
Peel strength at 60°C	9Kg/25mm canvas to canvas
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

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 leave solvent to flash off on its own without wiping off. Bonding must be carried out as soon as possible to avoid flash rust or oxidation.
 Non porous substrates: Solvent wipe using Bostik No. 3 Solvent using the wipe on, wipe off technique. Abrade smooth surfaces to improve adhesion.
 Leather: Roughen the surface using clean emery cloth and dust off.
 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.

- 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.
- It is recommended that you decant a smaller quantity of adhesive into a clean metal or glass container and work from this container. This will help avoid solvent loss in the product can and extend life of opened product.
- Using a brush, apply an even film of adhesive to both surfaces to be bonded. On porous surfaces a second coat may be required to achieve an even film on the surface.
- 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 to 10 minutes, or until they can be touched with the knuckles without any cement being transferred.
- Bonding must be carried out within 20 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.

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.
- 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.



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 Consumer Guarantees Act 1993.