1181 S
SPRAYABLE CONTACT ADHESIVE

YOUR SMART ADVANTAGES

- Neoprene solvent based for excellent durability
- Will not stain light coloured cotton-backed PVC fabrics
- Quick drying with long tack life for ease of use
- Softer bond line for flexible substrates
- Very good heat and water resistance
- Available in brushable (Bostik 1181) and sprayable versions (Bostik 1181S)
- Available in Natural, or Red for visible indication of spray coverage

USES

- For fabric and textiles where high durability, heat and water resistance are required. Bonding of carpet and lining fabrics, leather, furniture foam and highly loaded fabric joints such as lifting straps.
- Motor and marine trim work.
- General assembly of wood, laminates, rubbers, cementitious materials, fibreglass and common metals such as aluminium and zinc coated surfaces.
- Suitable for light duty bonding of plasticised PVC.

PRODUCT CHARACTERISTICS

<table>
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<th>Product codes</th>
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<td>Natural: 20L metal pail</td>
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<td>Red: 20L metal pail</td>
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TYPICAL PERFORMANCE DATA (APPROX)

| Peel strength (7 days) 15Kg/25mm canvas to canvas |
| Peel strength at 60°C 12Kg/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 +70°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 be carried out as soon as possible to avoid flash rust or oxidation.
Non porous substrates: Solvent wipe using Bostik No. 3 Solvent.
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 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 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 40 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-porous 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 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 split, 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. 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.

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