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CI/SfB	(43) Yq2

Technical data sheet

November 2015

# Contact Spray Adhesive

A multi-purpose, high strength, low odour spray adhesive designed to create a permanent strong bond.



## Features

- High grab
- Multi purpose
- Excellent initial bond strength
- CFC free
- Long open time
- Bonds a wide variety of materials
- Low odour
- 500ml

The adhesive shall be Contact Spray Adhesive as manufactured by N&C Building Products Limited, 41-51 Freshwater Road, Chadwell Heath, Romford, Essex, RM8 1SP, England. Tel: 020 8586 4600 and shall be applied strictly in accordance with the manufacturer's current data sheets and instructions.



### Product Description

Contact Spray Adhesive is a multi-purpose sprayable adhesive that will bond a wide variety of substrates, including wood, metals, rubber, fabric, pvc, most plastics cardboard, polythene and concrete, as well as decorative laminates.

It can also be used to bond expanded polystyrene when forming a bond to a different substrate (do not spray onto the expanded polystyrene).

Contact Spray Adhesive has good resistance to temperature and has an open time of several hours if protected from contamination.

It is advised to test a small sample of the materials first to ensure the suitability of the product for the application.

### Application

All surfaces to be bonded should be clean, dry and free from dust and grease. Substrates should be conditioned before assembly. This is particularly important with laminates. Condition for 48 hours at 20° C with a relative humidity of 45-55%. Air should be able to circulate freely around the components.

Hold the aerosol at approximately 70° to the surface and apply a uniform generous coat of adhesive, ensuring 80-100% coverage. Move the aerosol in parallel to the surface and pay particular attention to the edges.

Do not allow the adhesive to puddle as this can cause an unevenness that can "show" through laminate. On porous surfaces it may be necessary to apply a second coat.

Always apply to the laminate first and spray one substrate horizontally and the other vertically.

It is important to remember that Contact Spray Adhesive is a contact adhesive and forms its bond by sticking to itself, so there must be sufficient adhesive for this to happen.

Allow the adhesive to tack up and protect from contamination whilst this happens. The adhesive is ready when it feels dry to the touch and does not transfer to the finger tips.

Contact Spray Adhesive dries in two minutes under normal conditions, but this will vary under different temperatures and humidities. High humidity and low temperatures will slow the drying time and if the temperature gets very low, can produce bloom.

### **Bloom is moisture which forms on the glue line caused by solvent evaporation lowering the air temperature above it.**

Once the two surfaces have been brought together, an aggressive bond will be made. Spacers can be used to ensure the surfaces do not come into contact prematurely.

Once the two surfaces are brought together, apply a uniform pressure over the work piece, starting in the middle and working outwards. Use blocks or a 3" roller and ensure the whole piece has been worked to ensure adequate contact of the adhesive.

You must pay particular attention to the edges. Please note that testing at this point by lifting the edge will weaken the bond. A nip roller will give the best results.

Once assembled, the piece can be machined or trimmed as required and full cure will take up to 24 hours.

### Technical Information

Specification	Contact Spray Adhesive
Colour	Clear
Type	Liquid
Coverage	2.5m <sup>2</sup> - Typical coat weight of 25gm <sup>2</sup>
Open Time	Several hours ( If protected from contamination).
Solids Content	28-30%
Specific Gravity	~1.2
Packaging	500ml

### Cleaning

Contact Spray can be removed with most solvent cleaners.

### Shelf Life

12 months unopened from the date of packing.

### Storage

This product must be stored clear of the ground, under dry conditions, out of direct sunlight between 5° C and 25° C. Protect from frost. If allowed to freeze N&C Building Products cannot guarantee the performance of the product.

### Health & Safety Advice

Contact Spray Adhesive is classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations.

The relevant Material Safety Data Sheet can be obtained from the website or directly from N&C Building Products Ltd at the address below.

N & C Building Products Limited  
41-51 Freshwater Road  
Chadwell Heath  
Romford  
Essex RM8 1SP  
Tel: 020 8586 4600  
Fax: 020 8586 4646  
Email: [info@nichollsandclarke.com](mailto:info@nichollsandclarke.com)  
Web: [www.ncnicobond.com](http://www.ncnicobond.com)

## Distribution Centres, Trade Counters & Showrooms

N&C Building Materials  
41 - 51 Freshwater Road  
Chadwell Heath  
**Romford** Essex RM8 1SP  
Tel: 020 8586 4600  
Fax: 020 8586 4646

C1 Cothill Trading Estate  
Plympton  
**Plymouth** PL7 1SR  
Tel: 01752 339 724  
Fax: 01752 342 746

B1 - B3 Sneyd Trading Estate  
Sneyd Hill, Burslem  
**Stoke on Trent** ST6 2PA  
Tel: 01782 575 727  
Fax: 01782 575 641

26 Colquhoun Avenue  
Hillington  
**Glasgow** G52 4BN  
Tel: 0141 880 1200  
Fax: 0141 880 1212

4 Waterloo Industrial Estate  
Flanders Road  
Hedge End  
**Southampton** SO30 2QT  
Tel: 01489 779 700  
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3 - 4 Cardiff Trade Park  
Hadfield Road  
**Cardiff** CF11 8AQ  
Tel: 02920 390 146  
Fax: 02920 224 356

2 City Park Industrial Estate  
Gelderd Road  
**Leeds** LS12 6DR  
Tel: 0113 224 4630  
Fax: 0113 224 4631

## Trade Counters & Showrooms

1A - 1B Alexander Place  
Lower Park Road  
**New Southgate**  
**London** N11 1QD  
Tel: 020 8361 6050  
Fax: 020 8361 4757

14 Meridian Trading Estate  
Bugsby Way  
**Charlton**  
**London** SE7 7SJ  
Tel: 020 8269 5960  
Fax: 020 8269 5961

Unit 15 Advent Way  
**Edmonton**  
**London** N18 3AF  
Tel: 020 8807 3227  
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8 Ascent Park, Edinburgh Way  
**Harlow** Essex CM20 2HW  
Tel: 01279 621 980  
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1 Cliffside Trade Park  
Motherwell Way  
**Lakeside** West Thurrock  
Essex RM20 3XD  
Tel: 01708 680 180  
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2 - 5 Altbarn Close  
Wyncolls Road  
Severalls Park  
**Colchester** Essex CO4 9HY  
Tel: 01206 844 161  
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9 - 11 McDonalds  
Business Park, Maylands  
**Hemel Hempstead**  
Hertfordshire HP2 7EB  
Tel: 0845 2606 025  
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16 Arlington Business Park  
Whittle Way, **Stevenage**  
Hertfordshire SG1 2BD  
Tel: 01438 315 400  
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Fratton Way, Southsea  
**Portsmouth** PO4 8TA  
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