



## Action S1101 Adhesive

### A high grade sprayable contact adhesive

S1101 is a high quality sprayable contact adhesive, which has been specially developed for use within the laminating sector. It finds particular use in bonding high-pressure laminates such as chipboard, MDF, OSB and plywood to metals such as aluminium and galvanised steel. The product finds extensive application in the manufacture of certain fire retardant high pressure laminates and meets BS 476 Part 7: 1997 (Surface Spread of Flame). The product can be heat reactivated and used in postforming applications. S1101 also finds extensive use in the manufacture of composite insulation panels. The adhesive can be sprayed onto polystyrene without the danger of cell attack.

#### Physical Characteristics:

#### Typical Properties

Appearance	Red coloured liquid
Base	Polychloroprene Rubber Solution
Viscosity (Brookfield RVT Spindle 4 speed 20)	150 cPs @ 20°C
Solid Content	18.5% to 20.5%
Specific Gravity	0.80
Flammability	Highly flammable
Diluent	S1906 or S1902
Cleaner	S1906 or S1902
Shelf Life (Under Recommended Storage Conditions)	6 months
Service Temperature	Maximum 110°C

#### Applications:

#### Recommended Usage:

All substrates to be bonded must be free of dirt, grease or other contaminants. Metals such as aluminium must be free of oil and in some cases; a solvent wipe of S1906 is suggested. Wood must be free of oil or sawdust contamination before the bonding process. For use, the adhesive should be spray applied to both surfaces. The edges in particular should receive a suggested two coats. Care must be taken to avoid over application of adhesive. When the

**Action Adhesives. Technical Data Sheet**  
**Revision No 1**

adhesive is touch dry (normally after a 5 to 10 minute period) the two surfaces should be positioned together and bonded using a nip roller with as much pressure. Reactivation of the glueline will be required in some applications such as post forming. Expected coverage is 9.0 to 11.0 M<sup>2</sup> / It on a single non-porous surface. Non-uniform application of adhesive or highly porous substrates will reduce the coverage value quoted.

**Precautions in Use:**

**Important:**

Please refer to the Material Safety Data Sheet before using this product. Please ensure that the Material Safety Data Sheet is passed onto the persons using this adhesive or otherwise coming into contact with it.

**Environmental and Waste Issues:**

Dispose of excess material, residues and containers according to Local Authority guidelines. Please refer to the Material Safety Data Sheet.

**Storage:**

Please refer to the Material Safety Data Sheet. Rotate stock – use oldest material first. Storage life is 6 months in unopened containers. Store between 4°C & 25°C. Protect from frost. Stir/shake drum before use. Keep container closed when not in use.

**Important Note:**

Because of the variation in materials likely to be handled by prospective users of this product, together with differences in production techniques and ultimate performance required, it is important that this product is thoroughly evaluated under production and end use conditions before being commercially adopted. Such an evaluation should incorporate a reference to ageing and should be repeated if the substrates on which the adhesive is used are changed in any way or are purchased from a different source. It is the customer's responsibility to carry out the appropriate actions during the evaluation of the product for the protection of the environment and for the health and safety of its employees and purchasers of its products. No Action Adhesives (Irl.) Ltd. employee has any authority to waive or change the forgoing provisions.

The above recommendations are made in good faith for the guidance of users and are without liability. Any queries should be referred to our Technical Services Department.

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