



Action S1542 Adhesive

A high grade laminating adhesive

S1542 is a speciality solvent-based adhesive, which finds very extensive use in the production of laminates. The adhesive is used in the insulation sector where it is used in bonding materials such as polyurethane slab stock (raw, paper or foil faced panels), polystyrene (EPS) sheets, and phenolic material to various substrates such as wood, various metals, and textile type materials. S1542 is not however suitable for use in bonding plasticised PVC. For this application we recommend one of our polyurethane adhesives.

Physical Characteristics:

Typical Properties

Appearance	Tan coloured liquid
Base	Synthetic Rubber Solution
Viscosity (Brookfield RVT Spindle 4 speed 20)	120 cPs @ 20°C
Solid Content	40%
Specific Gravity	0.83
Flammability	Highly flammable
Diluent	S1906
Cleaner	S1906
Shelf Life (Under Recommended Storage Conditions)	6 months

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. For use, the adhesive should be sprayed onto the non-porous side of the laminate and allowed to dry to a tack free film. The second substrate should be bonded with as much pressure as possible. For large areas, we suggest the use of a nip roller. Anticipated coverage is between 5.0 and 7.0 m² per litre depending on the porosity and uniformity of the surfaces being bonded. For some applications, S1542 should be applied to both surfaces. Suggested spray system is available from Action Adhesives, details can be provided upon request.

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 six months in unopened containers. Store between 4°C & 25°C. Protect from frost.

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.

Supplier: Action Adhesives (Irl) Ltd, Units 1&2 Ballybay Enterprise Park, Ballybay, Co. Monaghan.

Tel: +353 42 9741638 **Fax:** +353 42 9748966 **E Mail:** sales@action-adhesives.ie