



BASE Polychloroprene	TECHNICAL DATA SHEET SPRAYABLE CONTACT ADHESIVE IN NON-FLAMMABLE SOLVENT	PRODUCT A.8503
SOLIDS 13 ± 1%	<p>DESCRIPTION</p> <p>Apollo A.8503 is a high performance, sprayable 'contact' adhesive utilising non-flammable solvents which, being very fast drying, ensures fast production throughput.</p> <p>A.8503 has a wide spray pattern (at least 12 inches) with good atomisation and exhibits excellent adhesion to many different substrates with good heat resistance.</p> <p>It is a versatile product with applications in the panel industry for bonding a wide range of skin and core materials (see note 1) in kitchen and office furniture manufacture, for bonding and post-forming decorative laminates to plywood and chipboard etc., and in modular flooring for bonding materials e.g. carpets and rubber tiles to wooden composite or metal panels.</p> <p>APPLICATION</p> <p>All surfaces must be clean, dry and free from loose particles and contamination by grease, release agents etc.</p> <p>Apollo A.8503 may be sprayed through most types of equipment, although DeVilbiss JGV guns fitted with FX tips and 777 air caps using an atomising pressure of 70-90 psi and a material pressure of 10-15 psi are particularly recommended.</p> <p>After application of A.8503 to both surfaces, allow 1-2 minutes for the adhesive to 'touch' dry and then mate the surfaces. Ensure good coalescence of the adhesive films by passing the laminate through nip rollers or by platen pressing using as much pressure as possible without crushing the components. The high initial strength of the adhesive allows panels to be handled immediately although full bond strength will require several days to develop.</p>	
VISCOSITY 500 ± 100 cps @ 20°C		
COLOUR Neutral or Red		
TACK LIFE 2 – 15 mins		
COVERAGE 8 – 11 m ² /ltr		
CLEANER Solvent 8 or Solvent 9		
FLASH POINT Non- Flammable		
SHELF LIFE 6+ months at 4°C - 25°C		
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SPECIAL COMMENTS

1. A.8503 should only be used on polystyrene foams when adequate air is available (volumes of 23 cu. ft / minute and pressures of 70-90 psi), and when hot sprayed through recommended equipment. Failure to follow this advice will result in foam collapse.
2. A.8503 may be tinted red to allow easy observation of coverage.
3. Bonds are resistant to moisture, dilute acids and alkalis, some oils and petrol.
4. Store at temperatures above 4°C. Prolonged storage at lower temperatures may cause formation of a 'gel'. After long storage at normal temperatures a clear layer may form on the surface but this is readily dispersed by stirring.
5. In conditions of high humidity a 'bloom' may form on the surface. This reduces tack and inhibits coalescence. It is not advisable to make bonds under these conditions.

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The above figures do not constitute a specification. They represent typical values obtained for this product.

HEALTH AND SAFETY

Before using this product please ensure that you have been supplied with and have read carefully the following information:

1. The hazard labels (complying with CHIP 3 Regs 2002 and CDG/CPL Regs).
2. Apollo Material Safety Data Sheet A.8503

IMPORTANT NOTICE

This leaflet is for general guidance only and may contain inappropriate information under particular conditions of use. All recommendations and suggestions are therefore made without guarantee. Samples will be provided on request to enable customers to satisfy themselves as to the suitability of the product for any specific purpose and to assess the product under their own working conditions.