

BASE	TECHNICAL DATA SHEET	PRODUCT
Synthetic Rubber	HIGH SOLIDS, NON-FLAMMABLE, LOW PRESSURE SPRAYABLE ADHESIVE	A8410
SOLIDS  38 ± 2%	<p><u>DESCRIPTION</u></p> <p>Apollo A.8410 is a high solids, non-flammable, low pressure sprayable, synthetic rubber based adhesive designed primarily for applications in the foam conversion, upholstery and furniture industry.</p> <p>Apollo A.8410 exhibits fast drying characteristics, aggressive tack, a long bonding range, high bond strength and provides an economical and efficient means of bonding non-structural components.</p> <p>As well as being suitable for bonding flexible foams to each other Apollo A.8410 is also recommended for bonding foam to metal, chipboard, hardboard and GRP etc., and for the attachment of furnishing fabrics such as hessian, felt, polyester and other upholstery padding materials. It has also been used for bonding a wide range of insulation materials to metal ducting etc.</p> <p><u>APPLICATION</u></p> <p>Materials to be bonded should be dry, clean and free from dust, loose materials, oil and grease. Cut foam should be free from silicone lubricants.</p> <p>Apollo A.8410 may be sprayed through most equipment although it has been designed specifically for low pressure applications. Excellent results may be obtained using a material pressure of 20 - 30 psi and atomising pressure of 40 - 60 psi is adequate.</p> <p>Apply Apollo A.8410 to both surfaces to be bonded and bond immediately or for up to 20 minutes afterwards. Under conditions of high humidity, condensation of moisture on the surface may occur causing a pale 'bloom'. Under these conditions an unsatisfactory bond is likely.</p>	
VISCOSITY  500 – 700 cps at 20°C		
COLOUR  Amber or tinted		
TACK LIFE  1 – 20 mins		
COVERAGE  15 – 25m <sup>2</sup> per litre		
CLEANER  Solvent 9		
FLASH POINT  See MSDS		
SHELF LIFE  12 months @ 5 °C - 25°C		

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SPECIAL COMMENTS

- (1) Apollo A.8410 has limited heat resistance, therefore in circumstances where high bond line stresses occur, such as bull-nosing with polyurethane foams, it is recommended that Apollo A.8520 is used instead.
- (2) Apollo A.8410 is normally pale amber in colour, but may be tinted red or blue on request to allow easy observation of coverage.
- (3) Spray equipment should be regularly cleaned and maintained and water traps inserted. Inadequate maintenance may result in corrosion of pumps or guns with the formation of a black, tarry residue. Material hoses should be made of nylon. Pumps and guns should preferably be stainless steel.

Ref : A 8410

Date : 01/09/06

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

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#### 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 and CDG/CPL Regs).
2. Apollo Material Safety Data Sheet A8410

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#### 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.

Please note that the BSI/UKAS logo for BS EN ISO 9001:2000 Certification on this document refers to the Quality Management System used throughout the production of products.