

INFLATABLE BOAT ADHESIVE

SOLVENT BORNE ADHESIVE

BOSTIK INFLATABLE BOAT ADHESIVE is a solvent-borne formulation based on polychloroprene rubber. It offers strong resilient bonds which exhibit good resistance to water, humidity, etc.

In particular, the dried film of BOSTIK INFLATABLE BOAT ADHESIVE has good resistance to UV exposure, with reduced discolouration. Also this adhesive has good storage stability, this being particularly relevant where high storage temperatures are encountered, such as in overseas locations.

RECOMMENDED USE

BOSTIK INFLATABLE BOAT ADHESIVE will bond natural, polychloroprene, nitrile, butyl, Hypalon and polyurethane rubber surfaces, rigid PVC, wood, metal, leather, Formica, etc. It is particularly useful in the construction of inflatable products such as boats, balloons, etc.

IMPORTANT: It is not recommended that BOSTIK INFLATABLE BOAT ADHESIVE be used on plasticised PVC because of the possibility of plasticiser migration.

BONDING INSTRUCTIONS

1. Ensure that the surfaces to be bonded are clean and grease free by abrading them with clean emery cloth or by using BOSTIK M501 CLEANER/THINNER to remove surface contamination. (Please contact BOSTIK FINDLEY LTD., Customer Service Department for a product suitable for use on metal surfaces).
2. Apply an even coat of the adhesive to both mating surfaces by brush or serrated trowel.
3. Allow the adhesive coats to dry for 5 to 20 minutes or until they can just be touched with the knuckles without the adhesive being transferred.

NOTE: Two thin coats are preferable for maximum adhesion. The first coat should be allowed to dry for approximately 20 to 30 minutes before applying the final coat and allowing this to dry for 5 to 20 minutes.

4. Join the surfaces, taking care not to trap any air, using as much pressure as possible. Components may be handled within minutes of being bonded.

For the strongest adhesion to metal use BOSTIK 9252 PRIMER, full details of which are given in BOSTIK Information Sheet No. B67. Stir this primer thoroughly and then apply by brush an even, thin coat to the prepared metal surface. Allow the primer coat to dry for at least one hour before applying BOSTIK INFLATABLE BOAT ADHESIVE.

TACK LIFE: Approximately 20 to 30 minutes dependent on the surfaces being bonded.

COVERAGE: Approximately 4m² per litre but can vary with material being bonded (2m² bonded area).

CLEANER/THINNER: Please contact BOSTIK FINDLEY LTD., Customer Service Department for a product suitable for cleaning metal surfaces. BOSTIK M501 CLEANER/THINNER can be used for other surfaces.

Use BOSTIK M501 CLEANER/THINNER for removal of surplus adhesive and cleaning of application tools.

TYPICAL CHARACTERISTICS

Physical Form:	Mobile liquid
Colour:	Off white
Odour:	Mainly ketonic
Chemical Type:	Polychloroprene rubber/resin based solution
Solvent:	Mixture of methyl ethyl ketone, light petroleum spirit, toluene and acetone.
Viscosity:	2.5 Pa s (25 poise) approximately
Solids Content:	22% approximately
Specific Gravity:	0.9 approximately
Flammability:	Highly flammable
Flash Point:	In the group -18 to -7°C
Temperature Resistance:	From -40 to +70°C but will withstand higher temperatures for short periods
Water Resistance:	Good
Oil, Petrol & Kerosene Resistance:	Fair – Good
Solvent Resistance:	Not resistant to esters, ketones and aromatic hydrocarbons which may swell and soften the bond
Acid & Alkali Resistance:	Good. Virtually unaffected by 5N sulphuric acid and 5N sodium hydroxide
Humidity Resistance:	Good
Ageing:	Good but exposed adhesive film can discolour in strong sunlight.

PACKAGING

Please refer to Customer Service Department for current package sizes.

STORAGE

Store in a dry flameproof area between 5 and 25°C.

SHELF LIFE

1 year from date of manufacture, under the above conditions of storage.

MATERIAL SAFETY DATA

For further information refer to the relevant Health and Safety Data Sheet.

This Product Data Sheet covers just one of a large range of products supplied by Bostik Limited. Full information on these products and advice on application is freely available from our fully trained staff throughout the country. In addition, specialist technical advice is available from our Technical Services Department. This Product Data Sheet supersedes all previous technical information on this product, and users of it are cautioned to ensure that it is the current issue. Destroy all previous Product Data Sheets, and if any doubt, contact Bostik Limited, quoting the code number in the top right hand corner on the front of this document. This leaflet is for general guidance only and may contain inappropriate information under particular conditions of use. The company cannot accept any responsibility for loss or damage that may result from the use of this information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm the suitability of this product by their own tests.