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## **BONDTECH N131L ADHESIVE**

### **TECHNICAL DATA SHEET**

#### **DESCRIPTION & USES:**

Bondtech N131L is an adhesive of spraying viscosity. It forms strong, permanent contact bonds between the following materials; rigid P.V.C. sheet, polyurethane foams of the polyester and polyether types, supported P.V.C. leather-cloth, leather, polyester glass fibre, rubber sheet and extrusions, all of which may be bonded to each other or to hardboard, chipboard, wood, painted or unpainted metal. Rigid laminated plastics such as formica, melamine etc. may also be fixed with these adhesives.

Bondtech N131L has also proved very versatile in the shop-fitting and bar-fitting trades, and in the boat building, furniture and footwear industries, where it is widely used as a multi-purpose adhesive. This material has excellent ageing resistance as well as exhibiting a higher than average tolerance for plasticiser migration.

#### **METHOD OF APPLICATION:**

- To obtain the best possible results, the materials to be bonded should be dry, clean and free from dust, grit, loose materials, oil or grease.
- Spray apply a thin even coating of adhesive to both surfaces.
- Allow the solvent content to evaporate before bonding the materials. On permeable materials such as leather/chipboard, bonding maybe possible within a matter of 2-3 minutes of application; or non-permeable materials (e.g. formica/metal) a minimum of 15 minutes should elapse before the surfaces are bonded.
- Where perfectly accurate pre-positioning of the components is possible, the solvents should be allowed to dry out for between 20-30 minutes before bonding. Alternatively, where a measure of "slide" is necessary to position the materials, or where the allowance is made for trimming off afterwards, the materials may be brought together some 2-3 minutes after application.
- THIS LATER TECHNIQUE IS NOT RECOMMENDED WITH IMPERMEABLE MATERIALS, SINCE THE SOLVENT THUS TRAPPED BETWEEN THE SURFACES WILL IMPAIR THE ULTIMATE BOND STRENGTH.
- Bond the materials under firm pressure.



**PROPERTIES:**

- Appearance: Opaque yellow liquid.
- Viscosity: Thin sprayable liquid.
- Specific gravity: Approx. 0.84
- Minimum open joint time: 5 - 10 minutes.
- Maximum open joint time: 20 minutes.
- Coverage: 6 - 8 m<sup>2</sup> per litre.

**Note: Additional information on physical properties, health hazards, storage, handling and transport is available in the Material Safety Data Sheet (MSDS).**