

# Technical Data Sheet

B360 – UV CURING ADHESIVE Revised

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**BARNWELL**  
THE SEAL OF APPROVAL

## B360 UV Curing Adhesive

### PRODUCT DESCRIPTION

B360 is a single part UV Adhesive designed for bonding close fitting substrates, where fast set fixtures is required.

### APPLICATIONS

B360 is our high performance bonder offering exceptional levels of bond strength allied to superb clarity. B360 will bond too many other substrates including some metals and plastics (please test substrate first).

### USEFUL NOTES

- Has excellent ageing resistance once cured
- Resists the action of yellowing
- Easy to use
- Fast curing
- Good humidity resistance

### INSTRUCTIONS FOR USE

- Ensure surfaces to be bonded are clean, dry and free from grease, dust and other contamination.
- Clean substrates such as glass and plastics with our glass cleaner (please test compatibility) and use our B7063 solvent cleaner for heavy duty degreasing especially on metals.
- Apply adhesive directly from a bottle insuring that the bubbles are removed before bonding begins. Cured excess material outside the joint can be simply removed by cutting the excess away.
- Lighting intensity, distance and the UV wave bands, influence the bond. Excessive or uneven cure area can cause stress to build up in large parts. Ensure that good uniform displacement of the UV adhesive is applied to the substrate as well as evenly distributed UV light over the whole substrate

### TECHNICAL FEATURES

Resin	Modified Urethane
Viscosity	4500-5500 cps
Colour	Colourless liquid
Odours	Acetic
Gap fill	<0.05mm
Specific gravity	1.05
Cleaner	B7063
Flash point	>100°C
Density	1.05
Max operating temp	-50°C to + 125°C
Shelf life	12 months at 25°C

### STORAGE

B360 should be stored in a cool area out of direct sunlight. Ensure open bottles are kept away from strong sources of UV emissions.

### HEALTH & SAFETY

This technical information sheet does not constitute a Material Safety Data Sheet (MSDS). Before using this product ensure you have read and fully understood B360 MSDS.

### PRESENTATION

Bottles..... 50ml

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product. Warranty: All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is consider accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.