



Never compromise on quality!



# A70 STUDLOCK

## Anaerobic Adhesive



### GLUE MONSTER ADHESIVES RANGE

#### Description:

**A high strength, anaerobic adhesive for the permanent retention and sealing of threaded fasteners, sleeves and bearings. It is resistant to fuels, oils, hydraulic and refrigeration fluids.**

#### Uses

Bond It **A70 STUDLOCK** can be used for fixing and sealing of plugs, through bolts and studs into castings, etc. It eliminates split pins, double nutting and spot welds and is vibration proof. **A70 STUDLOCK** also acts as a lubricant during assembly to ensure accurate torquing and protection against corrosion. Use of **A70 STUDLOCK** improves throughput and efficiency.

#### Preparation

Surfaces must be clean, dry and free from grease.

#### Application

Coat threads and ensure the adhesive is present at locking position. The adhesive starts to cure on exclusion of air from the bonding system. Observe handling and strength times stated below.

#### Bonding Time

Assuming room temperature is 20°C.

- Initial strength approximately 10 minutes.
- Full working strength 6-12 hours.
- Ultimate cure 24 hours.

#### Limitations

Oily or greasy surfaces should not be bonded with **A70 STUDLOCK**. It is designed for metal to metal bonding. Users should satisfy themselves as to the products efficiency when used in conjunction with engineering rubbers and plastics. The strength of the Studlock bond will be substantially lower on Stainless Steel. On certain grades it may not work at all without the use of an activator. It is the user's responsibility to check suitability of this product with their particular application.

#### Colour

**STUDLOCK** is green in colour.

#### Container Size

Available in 50g and 20g plastic bottles.

#### Shelf Life

Minimum shelf life 12 months from date of manufacture when stored at 20°C in unopened bottles.

#### Storage Conditions

Store in a closed upright container between 3 and 20°C in dry dark conditions. At low temperatures the shelf life will be prolonged.

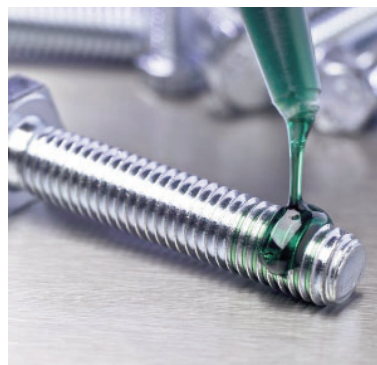
#### Disposal of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Replace lids and remove any containers to a central disposal point in accordance with local regulations.

#### Health & Safety

**Caution: Hydroquinone Monomethyl Ether, Acetyl, Phenylhydrazine.** Please refer to separate material safety data sheet for full handling, use and storage instructions. Keep out of reach of children. It is the users responsibility to determine suitability for use. If in doubt contact our Technical Department for advice.

**Note: this information is for general guidance only, since site conditions and labour are beyond our control. It is recommended that users make their own tests to determine suitability.**



## Specification Summary

### LIQUID

Chemical Composition Dimethacrylate monomer base

Appearance Green liquid, capable of fluorescence

Viscosity 500 mPa.s

Specific Gravity 1.06

### CURED ADHESIVE Typical properties - tested on mild steel nut & bolt

Gap Filling Up to 0.25mm

Breakaway Torque 26Nm

Prevail Torque 36Nm

Service Temperature Range -55 to + 150°C

Resistant to Fuels, motor oils and hydraulic fluids

UFI PC90-10X5-R00G-HKNG

### Product Details:

|                 |               |               |
|-----------------|---------------|---------------|
| <b>Colour:</b>  | Green         | Green         |
| <b>Code:</b>    | BIA7025       | BIA7050       |
| <b>Size:</b>    | 25ml          | 50ml          |
| <b>Barcode:</b> | 5060021367709 | 5060021360328 |



Part of the Bond It Glue Monster Range

*The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.*



Certificate Number:  
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ISO 14001; ISO 45001



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