

# Technical Data Sheet

B242 – Nutlock Revised

03.08.10



**BARNWELL**

THE SEAL OF APPROVAL

## B242 Nutlock

### PRODUCT DESCRIPTION

B242 Threadlocker and its variants are a general purpose Removable medium strength product. All removable Nut grades will hold all metric and imperial or conventional sized nuts and bolts, meeting the requirements of over 80% of fastening applications. B242 does not run off or drip and does not migrate after assembly. Once applied, parts slip together easily, lubricated by the adhesive

### APPLICATIONS

Replaces lock washers and plastic inserts. Locks machine tool access bolts, studs and hydraulic system bolts. Used on gear box bolts/driveshaft, bearing cover cap screws, counter sunk screws, conveyor roller bolts and construction equipment.

### USEFUL NOTES

- Easy to use
- Vibration proof
- Disassemble using conventional tools

### INSTRUCTIONS FOR USE

- Clean and dry surfaces to be bonded
- Apply adhesive to threads and assemble parts.
- Parts should be left for 15 minutes to reach handling strength, working strength 1 hour
- B7471 (Standard) or B7649 (Fast) Activators can be used, however 30% strength loss can occur when using accelerators.

### TECHNICAL FEATURES

Resin	Dimethacrylate
Colour	Blue thixotropic
Cure speed with Activator	<5 mins @ 20°C
Cure speed without Activator	20 minutes
Viscosity – Brookfield Sp3 @ 20rpm @ 25°C	1200 cps
Gap Fill	0.25 mm
Flash Point	>80°C
Shelf Life	12 months @ 20°C
Specific Gravity	1.06
Max operating Temp	-55°C to + 150°C

### CURED PERFORMANCE

Full Cure Time	24 hours
Typical Breakaway Strength	16 N.m
Typical Prevailing Strength	8 N.m
Typical Prevailing Strength DIN 54454	8-(15) Nm (12)
Typical Breakaway Strength DIN 54454	22 Nm
Fixture time steel	20 mins approx.

### STORAGE

Store in a cool area out of direct sunlight.

### HEALTH & SAFETY

Not recommended for use in pure oxygen and oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

This technical information sheet does not constitute a Material Safety Data Sheet (MSDS). Before using this product ensure you have read and fully understood B242 MSDS.

### PRESENTATION

Bottles.....10ml, 25ml, 50ml, 250ml  
Clam Packs..... 10ml, 25ml, 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 considered 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.