

# Technical Data Sheet

## B566 THREADLOCKER LOW STRENGTH

Revised 03.08.10

## B566 Threadlocker

### PRODUCT DESCRIPTION

B566 is a single component, high viscosity anaerobic adhesive.

### APPLICATIONS

B566 gives a low strength bond designed for threadlocking and also prevents loosening due to vibration. BONDLOC B566 has excellent solvent resistance against most industrial fluids. Its viscous nature prevents migration of the adhesive during application.

### USEFUL NOTES

- Gives a fast and reliable cure on most metallic surfaces.
- Eliminates the vibration of joints.
- It seals and prevents leakage and corrosion of threaded connections.
- Its thixotropic nature prevents migration of the product during application.
- It has good gap filling ability and is suitable for use on medium and large fittings.
- Easy disassembly of bonded components when necessary.

### INSTRUCTIONS FOR USE

Ensure parts are clean, dry and free from oil and grease.

### PROCEDURE FOR APPLICATION

Ensure that surfaces to be bonded are clean and free from grease, dirt, dust and any other contamination.

To ensure best cleaning results use BONDLOC S1950. Unscrew cap and cut off the top of the nozzle using a sharp or similar implement taking care to point the blade away from the body at all times. Apply BONDLOC B566 Threadlocker in sufficient quantity to fill all engaged threads. Bring together threaded components and tighten as required. Allow the bond to fully cure.

### COMPATIBLE ACCELERATORS/PRIMERS

Not recommended.

### STORAGE

Store in a cool area out of direct sunlight.  
Shelf Life > 12 months @ 20°C.

### HEALTH & SAFETY IN USE

This Technical Information Sheet does not constitute a Material Safety Data Sheet. Before using this product ensure you have read and fully understood BONDLOC B566 Threadlocker Material Safety Data Sheet.

For information on any products mentioned in this Technical Information Sheet and many more anaerobic adhesive related products including application equipment please contact BONDLOC Technical Department.

### TECHNICAL FEATURES

Resin	Di-Methacrylate resin
Colour	Brown thixotropic paste
Viscosity -	1000 mPas @ 20°C
Corrosivity	None
Specific gravity	1.1 g/cm <sup>3</sup>
Toxicity	Low
Vapour pressure	Very low
Gap filling capacity	up to 0.2 mm
Flash point	>100°C

### CURED PERFORMANCE

Temperature range	-50°C to +150°C
Breakloose torque	9 - 15 N.mm <sup>2</sup>
Prevailing torque	9 - 15 N.mm <sup>2</sup>
Static shear	7 - 12 N.mm <sup>2</sup>

### PRESENTATION

B566 is available in 10ml, 25ml, 50ml, 250ml.

**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.

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