



Technical Data Sheet

Bondloc B542 Hydraulic Thread Sealant

PRODUCT DESCRIPTION

B542 Hydraulic Seal is a thixotropic liquid which cures anaerobically to form a tough, high pressure seal on all types of threaded couplings used on low, medium and high pressure lines.

APPLICATIONS

B542 is used for all types of hydraulic connections, sealing against typical pressure line ratings, used Hydraulic Seal to fit valves, threaded couplings, adaptors, quick disconnect parts, compression fittings and vibration proofing joints.

USEFUL NOTES

For fast cure, clean parts and apply local heat to joints with a heat gun or soft flame.

INSTRUCTIONS FOR USE

Ensure parts are clean, dry and free from oil and grease. Product is normally hand applied from the bottle. Primers such as B7471 (Standard Anaerobic Activator) or the faster B7649 can be used, however up to 30% strength loss can occur when using accelerators.

STORAGE

Store in a cool area out of direct sunlight. Shelf Life >18 months at 20°C.

TECHNICAL FEATURES

Resin	Dimethacrylate
Colour	Brown
Fixture speed with Activator	<5 mins
Fixture speed without Activator	10 - 20 mins
Viscosity Brookfield Sp3 @20rpm@25°C	600 – 800cps
Max Thread Size	M26
Flash Point	>100°C
Shelf Life	18 months
Specific Gravity	1.06
Temperature Range	-55°C to +150°C

TYPICAL BOND CHARACTERISTICS

Full Cure Time	24 hours
Range of Strength - Breakaway	18N.m
Prevailing	10N.m
DIN 54454 Breakloose:	25N.m
DIN 54454 Prevailing:	15N.m up to 35N.m

HEALTH & SAFETY

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

PACKAGING FORMAT

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

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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 Safety Data Sheets (SDS) 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.

