

Technical Data Sheet

B243 – Oil Tolerant Threadlock

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BARNWELL

THE SEAL OF APPROVAL

B243 – Oil Tolerant Threadlock

PRODUCT DESCRIPTION

B243 is an anaerobic formulation designed to be used on parts in an “as received” condition, such as those with protective films (oils) etc.

APPLICATIONS

B243 is designed for direct application onto as received parts where a light oily film exists or where contamination from surrounding parts is a problem.

INSTRUCTIONS FOR USE

- Where possible remove thick deposits of grease or dirt.
- 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.

PROPERTIES

Use as a conventional medium strength threadlocker on cleaned parts with strengths up to 12 N.m or as a convenient all-purpose threadlocker on oily parts with 8-10 N.m typical strength depending on oil type and film.

TECHNICAL FEATURES

Resin	Mod Methacrylate
Colour	Blue
Cure speed	<15 mins @ 20°C
Viscosity – Brookfield Sp3 @20rpm @ 25°C	1200-1800 thixotropic
Gap fill	0.1mm
Flash Point	>85°C
Shelf life	12 months @ 20°C
Specific gravity	1.04
Max. Operating Temperature	-55°C to + 150°C

CURED PERFORMANCE

Full Cure Time	24 hours
Typical Breakaway Strength	19 N.m
Typical Prevailing Strength	8-10 N.m

STORAGE

Store in a cool area out of direct sunlight. Shelf life > 12 months at ambient temperature.

HEALTH & SAFETY

This technical information sheet does not constitute a Material Safety Data Sheet (MSDS). Before using this product make sure you have read and fully understood B243 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.

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Issue 2
Page 1 of 1