



Technical Data Sheet

Auto22 Screwlock & Seal

PRODUCT DESCRIPTION

Bondloc Screwlock & Seal Low Strength Threadlocker is an anaerobic threadlocking material, which cures between metal threads to form a unitised assembly that helps resist leakage, shock, and vibration. The product is a single component, anaerobic liquid which cures when confined in the absence of air between close fitting metal surfaces. Ideal for all nut and bolt fasteners under 1/4 inch. Excellent chemical resistance and a temperature resistance range of -55°C to +150°C (-65°F to +300°F).

APPLICATIONS

Prevents loosening and leakage of threaded fasteners. Cures without cracking or shrinking. No curing outside of join assembly. No torque required during assembly. Particularly suitable for applications such as set screws, meters and gauges, relay lock screws, calibration screws, carburettor and choke assembly screws. Easily removable with hand tools for servicing requirements.

USEFUL NOTES

Screwlock & Seal is suitable for most low strength applications. Not recommended without trials on certain plastics, as stress cracking can sometimes result. Some anti-corrosion chemicals inhibit the cure system in this type of anaerobic. Trials are recommended where cleaning is necessary to establish performance.

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 M10 MSNB cured @ 22°C for 1 week handling strength, working strength 1 hour
- B7471 (Standard) or B7649 (Fast) activators can be used, however 30% strength loss can occur when using accelerators.

STORAGE

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

TECHNICAL FEATURES

Resin	Modified Dimethacrylate
Colour	Purple
Cure speed with Activator	<15 mins @ 20°C
Cure speed without Activator	15 minutes
Viscosity Brookfield Sp3 @20rpm@25°C	1000 cps
Max Thread Size	M80
Flash Point	>100°C
Shelf Life	12 months @ 20°C
Specific Gravity	1.06
Temperature Range	-55°C to +150°C

TYPICAL BOND CHARACTERISTICS

Full Cure Time	12 hours @ 20°C
Typical Strength: ISO10964	6Nm M10's
Range of Strength - Breakaway Prevailing	6N.m 3N.m
DIN 54454 Breakloose:	10N.m max 20N.m
DIN 54454 Prevailing:	6N.m up to 20N.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

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.

