


TECHNICAL DATA SHEET			
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PRODUCT	NovaStud Eco – High Strength Threadlocker		

White Label Technology

NovaStud Eco – High Strength Threadlocker is produced from our latest non-hazardous technology incorporating a bespoke group of high purity raw materials. This unique future-proof technology ensures that the product label requires no hazard symbols or risk and safety phrases, and enables the product to comply with even the most stringent health and safety requirements.

Product Description

NovaStud Eco – High Strength Threadlocker is a high strength anaerobic threadlocker, designed to permanently lock metal threaded components. It locks fasteners up to 25mm in diameter, sealing against leakage and corrosion. The product is thixotropic, which reduces the migration of the liquid adhesive following application. Once cured, will resist attack from most fuels, lubricants and even most industrial gases

Typical Applications

NovaStud Eco – High Strength Threadlocker is designed for ultimate strength metal fastener applications such as studs into motor housings. It can eliminate the need to double-nut, or weld critical heavy duty assemblies. Due to the viscosity, it is suited to both fine and medium threaded metal parts, that will not require periodic disassembly.


Instructions For Use

1. For best results clean all surfaces with a cleaning solvent and allow to dry.
2. Shake the product thoroughly before application.
3. Apply the adhesive to the fixing position of the fastener or onto the internal threads of a blind hole.
4. Use suitable methods to assemble components, and tighten to required torque level.
5. Allow to cure fully before applying load.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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Properties of Uncured Material

Resin	Dimethacrylate
Colour	Green
Viscosity @ 25°C Brookfield Sp 3 @ 30rpm	400 - 600 cps
Cure System	Anaerobic

Performance of Cured Material

Fixture Speed	30 Minutes @ 20°C
Fixture Speed with Primer	<5 Seconds
Full Cure Time	24 hours @ 20°C
Typical Breakaway Strength	22.5 to 34Nm
Typical Prevailing Strength	28 to 40 Nm
Gap Fill	0.018mm
Temperature Range	-53°C to 148°C

Packaging

available in 50ml LDPE bottles

Storage & Shelflife

Should be stored in a cool dry area, out of direct sunlight. Stored correctly, this grade can offer a 12 month shelf life from manufacture.

Health and Safety in Use

Should not be used without consulting the MSDS, which contains full information regarding the use of this product, including Transport, Disposal, Toxicological, Exposure Controls, Accidental Release and First Aid measures essential to the safe use of this product.

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