



1. INTRODUCTION

A Thixotropic Anaerobic Threadlocker of low strength designed for easy disassembly of treated components. Its anaerobic nature allows it to cure only when confined between metal parts.

SAS222

2. WHERE TO USE

- All small fasteners, where vibration loosening prevention and non leakage through threaded fastening is required
- Ideal on small set screws, brass and most types of small threaded nuts, bolts, screws, hex and slot driven components including keyed fasteners etc.

3. RECOMMENDATION

- 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.

4. APPLICATION DETAILS

- Ensure parts are clean, dry and free from oil and grease.
- Product is normally hand applied from the bottle.

5. STORAGE

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

6. HEALTH & SAFETY IN USE

- **Irritant:** contains Methacrylate Esters and some products contain small amounts of Acrylic Acid.
- Irritates eyes, the respiratory organs and the skin. In case of contact with the skin was immediately with plenty of water.

7. TECHNICAL FEATURES

Resin	Dimethacrylate
Colour	Purple white tint
Cure speed with Activator	<15 minutes @ 20 C
Cure speed without Activator	15 minutes
Viscosity – Brookfield Sp3 @ 20 rpm Sp3 @ 20 rpm	1200 cps (thixo) 5000 cps
Gap Fill/Max Threadform	0.5mm/M36
Flash Point	>100 C
Shelf Life	12 months @ 20 C
Specific Gravity	1.06

8. CURED PERFORMANCE

Full Cure Time	12 hours @ 20 C
Typical Strength: ISO10964	6Nm M10's
Range of Strength Breakaway Prevailing	4N.m up to 12N.m 2N.m up to 6N.m
DIN 54454 Breakloose	10N.m max 20N.m
DIN 54454 Prevailing	6N.m up to 20N.m
Gap Fill/Max Threadform	0.5mm/M36

9. ELEVATED TEMP/RETAINED STRENGTH

M10MSNB cured @ 22 C for one week

150 C	35%
100 C	50%
50 C	80%

10. SOLVENT RESISTANCE OVER 1000 HRS

iii Trichloroethane	100%
Brake Fluid	>95%
Motor Oil @ 125 C	95%
Petrol	>95%
Glycol Mixture @ 87 C	>80%