

# Technical Data Sheet

## TDS B569 HIGH STRENGTH THREADLOCK

Revised 03.08.10

### B569 High Strength Threadlock

#### PRODUCT DESCRIPTION

B569 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

B569 is used for all types of hydraulic connections, sealing against typical pressure line ratings, use Hydraulic Seal to fit valves, threaded couplings, adaptors, quick disconnect parts, compression fittings and vibration proofing joints.

#### USEFUL HINTS/NOTES

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

#### PROPERTIES

B569 is tolerant of a light oil film. Seals up to 400bar, 20mm fittings. Vibration proofs joints. Can be dismantled with tools or excessive heat.

#### INSTRUCTIONS FOR USE

Ensure parts are clean, dry and free from oil and grease.

#### PROCEDURE FOR APPLICATION

Product is normally hand applied from the bottle.

#### COMPATIBLE ACCELERATORS / PRIMERS

Primers such as B7471 (Standard Anaerobic Activator) or the faster B7649 Structural Activator 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 >12 months at ambient temperature.

#### 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 wash immediately with plenty of water.

#### TECHNICAL FEATURES

Resin	Dimethacrylate
Colour	Brown
Cure speed with Activator	<5 mins
Cure speed without Activator	10-20 minutes
Viscosity - sp5 2-rpm	400 - 600 cps
Gap Fill	0.05 max 0.25
Flash Point	>100°C
Shelf Life	12 months @ 20°C
Specific Gravity	1.06
Max Operating Temperature	-50 to 150°C

#### CURED PERFORMANCE

Full Cure Time	12 hours @ 20°C
Typical Breakaway ISO 10964	25N.m
Typical Prevailing ISO 10964	>18 N.m
DIN54454 Breakloose M10s	28 N.m
DIN 54454 Prevailing M10s	20 to 35 N.m

#### PRESENTATION

Bottles.....10ml 50ml & 250ml

**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.

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