

THREADLOCKER PC 242 #2476

Medium Strength Threadlocker



Features:

- Locks and seals fasteners
- Eliminates self loosening
- Seals against leakage
- Will not run off or drip
- Lubricates during assembly
- Prevents rust and corrosion from forming
- Parts can be easily separated with hand tools
- Good temperature stability
- Solvent resistant
- Conforms to MIL-S-46163A, ASTM D-5363
- Anaerobic thread locking compound



Description:

THREADLOCKER PC 242 is a medium-strength, general-purpose fastener adhesive. Cures only after adhesive is confined between mating surfaces. Will withstand temperatures of up to 300°F and most solvents. Eliminates the need for stocking lock washers, plastic inserts and locks, machine access bolts and hydraulic system bolts. Locks and seals while preventing parts from loosening due to vibration. Performs well on aluminum, steel, plated fasteners, stainless steel and special alloy parts.

Applications:

- Counter Sunk Screws
- Drive Shaft Fasteners
- Machine Tool Access Bolts
- Railroad Bolts on Wear Plates
- Construction Equipment
- Hydraulic Prison Nuts
- Bearing Cover Cap Screws
- Carburetor Adjusting Screws
- Shaft Coupling Bolts
- Conveyor Roller Bolts
- Typewriter Screws
- Rocker Nuts
- Gear Box Bolts
- Machinery Keys
- Recommended for Threaded Components under 3/4" Diameter

Product Characteristics:

Appearance:	Blue, liquid
Odor:	Characteristic
Vapor Pressure:	n.a. hPa
Boiling Point/Range:	≥ 200°C (≥ 392°F)
Melting Point/Range:	Undetermined
Organic Solvent Content:	0.6%
Water Content:	1.3%
Solubility (water):	Not miscible or difficult to mix
Solids Content:	86.5%
Flash Point:	95°C (203°F)
Auto-Ignition Temp:	Product is not selfigniting
Specific Gravity:	1.00
VOC Content:	0.64% ~ 6.8 g/l / ~ 0.06 lb/gal
Viscosity @25°C, cPs, Brookfield RVT, Spindle 3 @20 rpm:	900-1500
Density at 20°C (68°F):	~ 1.07 g/cm ³ (~ 8.92915 lbs/gal)
Storage:	Store in cool, dry conditions. Keep container tightly closed. Store locked up.
Transport Information:	
Proper Shipping Name:	Not regulated
UN Number:	Not regulated
Class:	Not regulated
Packing Group:	Not regulated

Directions:

Ensure parts are clean, dry and free from oil and grease. Twist off white over cap and snip nozzle to desired length. Hand apply from the bottle onto threaded parts and assemble. To remove, use hand tools.

**Not recommended for plastics.*

Pictograms:



Signal Word:

WARNING.

Personal Protective Equipment Required:



DOT Placard:

Not regulated.

Cured Product Properties:

Fixture Time:	15-20 minutes @ 72°F
Full Cure Time:	24 hours @ 72°F
Shelf Life:	18 months from date of manufacture if stored at 72°F
Temperature Range:	-60°F to +300°F (-51°C to +150°C)
Breakaway Strength:	3/8" Plain Steel nut and bolt @ 1 hr 50-150 lbf-in
Breakaway Strength:	3/8" Plain Steel nut and bolt @ 24 hr 75-150 lbf-in
Breakaway Strength:	3/8" Zinc nut and bolt @ 24 hr 60-100 lbf-in

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Environmental and Fluid Resistance:

Shear strength values

Heat Age:	100%
Engine oil @ 150°C:	100%
Brake fluid @ 150°C:	100%
ATF @ 150°C:	85%
50/50 water/ethylene glycol @ 120°C:	80%
Water @ 100°C:	80%
Gasoline @ 25°C:	95%
Diesel fuel @ 25°C:	100%
Ethyl Alcohol @ 25°C:	95%

Cure Speed:

The cure speed is dependent on temperature and substrate. The graph below shows the Breakaway Strength on M-10 Steel, Phosphate/Oil and Zinc finishes.

