

# BROAD SPECTRUM™ THREADLOCKER™

## ALL PURPOSE HEAVY DUTY SERVICE

Threadlocker™ sets to form a Vibration Proof,  
Chemically Resistant, Fluid Tight Seal



### Prevents Loosening of Nuts, Bolts, Bushings, plugs and Fittings from shock and vibration

- ↪ Use on all metals and rigid plastics
- ↪ Disassembles with standard hand tools
- ↪ Excellent for use with Dissimilar metals and materials
- ↪ Single Component - Easy to use.
- ↪ Helps prevent rust and other corrosion
- ↪ Use on a wide range of fastener types and sizes
- ↪ Non-toxic
- ↪ Lower cost than mechanical fastener

### Used for many applications including:

- Marine
- Automotive
- Refrigeration
- Heating
- Industrial
- Construction
- Plumbing
- Agriculture
- Mechanical
- Air Conditioning
- Manufacturing

Chemical thread lockers are far better than mechanical fasteners in preventing loosening of threaded fasteners due to shock and vibration. Test after test has proven that chemical thread lockers consistently outperform mechanical fasteners.



Unsecured fasteners are one of the major causes of catastrophic equipment failure causing warranty issues, lack of reliability and unexpected down time.

From the makers of *Leak Lock*® Made in USA



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Highside Chemical Products are available through local wholesalers and distributors worldwide.

# BROAD SPECTRUM THREADLOCKER™

## DIRECTIONS:

1. Squeeze the Applicator Tube up and down to make sure **Threadlocker** is fully mixed. 2. Clean and dry parts to insure surface adhesion. 3. Remove cap and snip nozzle tip to the desired opening size. 4. Apply **Threadlocker** to parts and assemble. 5. Parts will fix in 10 to 20 minutes and will fully set in 24 hours. **Threadlocker** can be thinned and cleaned using ethanol.

## TYPICAL PHYSICAL PROPERTIES:

Viscosity . . . . . 25,000 - 100,000 cPs  
Consistency . . . . . paste  
Color . . . . . enviro-green  
Solvent . . . . . ethanol  
Pressure . . . . . full vacuum to 10,000 psi  
Temperature . . . . . -200°F to +425°F  
Toxicity . . . . . nontoxic  
Shelf Life . . . . . indefinite when sealed

Material Safety Data Sheet is available from Highside or can be downloaded from our web site:  
<http://www.highsidechem.com>

**WHERE TO USE—** **Threadlocker™** can be used on all metal or plastic materials, including but not limited to, aluminum, aluminum alloys, cast irons, copper, copper alloys, (brass, bronze, etc.), magnesium and magnesium alloys, carbon steels, stainless steels, galvanized surfaces, PVC, CPVC, ABS, fiberglass, black polypropylene, and kynar. Leak Lock should be applied to threaded joints, flanged joints, gasket surfaces and all mating surfaces where a fluid-tight and vibration proof seal is required. Special Applications— **Threadlocker** is ideal for joining dissimilar metals and materials. Prevents loosening of nuts, bolts, plugs and fittings. Call Highside for specific applications and compatibility.

## Threadlocker - Resistance

**Threadlocker** not only provides a permanent vibration proof seal, it has a very broad chemical resistance. **Threadlocker** is resistant to the following materials. This List does not list all materials. Call Highside for specific applications and compatibility.

### REFRIGERANTS:

All CFC's, HFC's, HCFC's and PFC's including but not limited to:  
R-717 (ammonia)  
R-744 (carbon dioxide)  
R-11 (trichlorofluoromethane)  
R-12 (dichlorodifluoromethane)  
R-21 (dichlorofluoromethane)  
R-22 (chlorodifluoromethane)  
R-113 (1, 2trichlorotrifluoroethane)  
R-114 (1, 2dichlorotetrafluoroethane)  
R-40 (methyl chloride)  
R-30 (methylene chloride)  
R-290 (propane)  
R-764 (sulfur dioxide)  
R-134a (1, 1, 2-tetrafluoroethane)  
R-13, R-13bl, R-500, R-502,  
R-503, R-123, R-124, R-401A,  
R-401B, R-402A, R-402B,  
R-403B, R-406A, R-408A,  
R-409A, R-23, R-23fa, R-404A,  
R-407A, R-407B, R-407C,  
R-410A, R-507, R-508.

### REFRIGERATION OILS

Mineral Oils, Napthenic  
Mineral Oils, Paraffinic  
Polyalphaolefins  
Alkylbenzenes  
Polyol Ester

### SOLVENTS:

Water (soft, hard, potable)  
Seawater (saltwater)  
Pentane  
Hexane  
Cyclohexane  
Heptane  
Cyclohexane  
Petroleum Napthas  
Mineral Spirits  
Toluene  
Xylene  
Perchloroethylene  
D-Limonene  
Turpentine  
Pine Oil  
Lacquer Diluent  
Rubber Solvent  
VM&P Naptha  
Stoddard Solvent  
140°F Solvent  
Deodorized Kerosene  
Medium-flash Aromatic Naptha  
High-flash Aromatic Naptha  
Dipentene  
Methylene Chloride  
1, 1, 1-Trichloroethane  
2-Nitropropane  
Orthodichlorobenzene  
Monochlorobenzene

Chloroform  
Ethylene Dichloride  
Trichloroethylene  
Propylene Dichloride  
Aliphatic Solvents  
Acids, Dilute  
Aromatic Solvents  
Glycerine  
Chlorinated Solvents

### INDUSTRIAL GASES:

Acetylene  
Chlorine, Anhydrous  
Air  
Carbon Monoxide  
Ammonia, Anhydrous  
Argon  
n-Butane  
Carbon Dioxide  
Ethane  
Ethylene Chloride  
Fluorine  
Hydrogen  
Methane  
Neon  
Nitrogen  
Nitrous Oxide  
Oxygen (Industrial only)  
Propane  
Propylene  
Silane

Xenon  
Tetrafluoromethane  
Helium

### FUEL GASES:

Natural Gas  
LPG "Liquified Petroleum Gas"  
LNG "Liquified Natural Gas"  
Propane  
n-Butane  
Isobutane

### FUELS:

Gasoline (petrol, motor fuel)  
Aviation Fuels (avgas, jet fuel)  
Fuel Oils, Diesel Fuel Oils, Gas  
Turbine Oils, Kerosene, Gas Oil.

### OILS:

Mineral Oils, Soybean Oil, Coconut Oil, Tall Oil, Peanut Oil, Rapeseed Oil, Menhaden Oil, Vegetable Oil, Animal Oil, Hydraulic Oils, Crude Oil.

### CURE TIME:

**Threadlocker** will fix and be ready for service in as little as 10 to 20 minutes. Full set in 24 hours.