

## PRODUCT DESCRIPTION:

**SAF-T-LOK R48** is a medium viscosity, retaining compound with very high shear strength, and performance capabilities to 350°F. It was developed for bonding mating cylindrical surfaces such as bushings, bearings, gears, hubs and pulleys onto shafts and splines; and to augment the strength of press fits. **SAF-T-LOK R48** is recommended for non-tapered fasteners. **SAF-T-LOK R48** will cure to full strength in 4-8 hours, depending on configuration and clearances, but faster cure is obtainable with **SAF-T-LOK PRIMER**, or by heating to 200°F for 10-20 minutes.

## GENERAL INFORMATION:

**SAF-T-LOK** anaerobic adhesive/sealants are a specialized series of single component, solvent free compounds that are individually formulated for locking, sealing, retaining and bonding metal parts and assemblies.

Stable in the presence of air, these products cure when placed between two mating parts where metal is present and oxygen is excluded. They form a resilient, vibration proof, polymer shim between the parts.

**SAF-T-LOK** products provide the user with additional performance characteristics, including not only fluid sealing, but also resistance to corrosion and galvanic attack of the mated parts, as well as solvent resistance. Furthermore, after curing **SAF-T-LOK adhesives and sealants** allows parts to be disassembled with normal tools, if desired.

## PHYSICAL PROPERTIES: (Uncured)

<b>Color:</b>	<b>Green</b>
Specific Gravity:	1.10 gm/cc
<b>Viscosity:</b>	<b>400 to 800 cps</b>
Flash Point:	>205°F
<b>Temperature Range:</b>	<b>-65°F to 350°F</b>
Storage Stability:	+12 months @ 75°F

## PERFORMANCE CHARACTERISTICS:

<b>Locking Torque</b> Breakaway Torque (3/8x24, Grade 2, Steel) Prevail Torque (3/8x24, Grade 2, Steel)	<b>250 to 450 in lb</b> <b>300 to 700 in lb</b>
Locking Shear:	4000 psi
<b>Gap Filling:</b>	<b>.010 in</b>
Fixture Tight:	30 minutes
<b>Full Cure:</b>	<b>24 hours</b>
Chemical Resistance:	Excellent

NOTE: This product is not recommended for use with pure oxygen systems.

**IMPORTANT NOTICE:** All statements and technical data contained herein are based on tests we believe to be reliable, but the accuracy of completeness thereof is not guaranteed. It is recommended that the buyer test this product to determine its suitability for his application before use. **SAF-T-LOK International Corporation** is not responsible for loss, claim or damages resulting from use of its products.

### TECHNICAL SUPPORT

Our technical support team stands ready to assist you with your technical questions regarding your SAF-T-LOK products. On-Site support when necessary within 24 hours.

### PART NUMBERS

64821	10ml
64831	50ml
64841	250ml
64843	1 liter

### SPECIFICATIONS

Type II MIL-R-46082  
ASTM D5363 ANO412

### TURNKEY SOLUTIONS

As an ISO 9001:2015 certified company, SAF-T-LOK can design or refine products to fit your company's specific needs and requirements.

For more information on any of our products or services please visit us on the Web at:

www.saftlok.com