

ANATOMY OF A PRODUCT:

# GorillaPro<sup>®</sup>



Brute Strength. Professional Grade.™

**MODERN**  
MATERIALS HANDLING



## ANATOMY OF A PRODUCT: **GorillaPro**<sup>®</sup>

**M**aintaining a well-run manufacturing environment where all equipment, machinery, and tools are operational and ready to use is no easy task in today's busy workplace. The cause of industrial mechanical failures can often be traced back to one loose fastener, while leaking liquids and gases can pose a hazard to your workforce and become a profit drain on your facility.

When these and other issues are addressed proactively, the effort pays off in the form of increased productivity, compliance with health/safety guidelines, and peace of mind knowing that the equipment and tools employees need to get their jobs done are in good working order.

Reaching this "nirvana" in the manufacturing setting requires effort and constant attention plus a complete line of state-of-the-art products designed to support a highly functional manufacturing operation. Developed for maintenance, repair, and operations (MRO) Professionals, the new Gorilla Professional Grade<sup>®</sup> line covers all of the bases across six different product categories.

"Most MRO Professionals are 'thinking ahead' because they understand the high cost of machinery," says Paul Allibone, Business Development Manager at St. Paul, Minn.-based H.B. Fuller, an adhesives manufacturing company that supplies industrial adhesives to customers worldwide.

"From the family-run operation to the large manufacturer—and all points in between—practicing

preventative maintenance and running an organized, productive operation have become core focuses," Allibone continues. "Everyone wants to take care of their capital equipment because they spend a lot of money on it and want to protect their investments."

By thinking ahead, MRO Professionals can also avoid shutdowns and other events that could create safety concerns and/or bring down entire production lines. From anti-seize products that keep bolts from corroding to threadlockers that prevent nuts from loosening to instant adhesives that bond and cure quickly when used between two compatible materials, the GorillaPro product line has maintenance professionals covered.

In this Anatomy of a Product, we explore the six different products that make up the new GorillaPro product categories, show how they're different than anything else on the market, and illustrate how they're contributing to a more efficient, safe, and effective manufacturing environment.







# Threadlockers



**K**eeping threaded fasteners locked and secured from shock, vibration, rust, and corrosion buildup along with the detrimental effects of humidity, high moisture, and harsh chemical attacks, are just a few of the ways that threadlockers protect assemblies. It's a proven anaerobic technology that works reliably every time.

GorillaPro® threadlockers were developed to maximize efficiency and minimize the need for machinery maintenance in your facility. Curing on metal substrates in the absence of oxygen, the GorillaPro line of adhesives is designed to deliver metal-to-metal bonds that are resistant to shock and vibration.

## Threadlockers BENEFITS

-  **EASILY APPLIED**  
with gel or liquid
-  **Reliable**  
**FASTENER LOCKING**
-  **ZERO-CLOG**  
nozzle tips
-  **Grab-and-go COLOR-CODED**  
**CAPS and labels**
-  **Prevents RUST**  
**AND CORROSION**
-  **Protects in**  
**HARSH ENVIRONMENTS**





## LIQUIDS



### AT75 MEDIUM STRENGTH BLUE THREADLOCKER

**REMOVABLE:** Suitable for applications where disassembly with hand tools is required for servicing

**CORROSION RESISTANT:** Prevents rust and corrosion that could jeopardize threaded areas

**DURABLE:** Has excellent resistance to extremely harsh environments

**STABLE:** Prevents loosening and shock from vibration



### AT150 HIGH STRENGTH RED THREADLOCKER

**SECURE:** Suitable for applications with high levels of shock and vibration

**CORROSION RESISTANT:** Prevents rust and corrosion that could jeopardize threaded areas

**DURABLE:** Has excellent resistance to extremely harsh environments



### AT160 LT HIGH STRENGTH RED THREADLOCKER

**PERMANENT:** Suitable for applications with high levels of shock and vibration

**LARGE FASTENERS:** Superior formula for larger assemblies - up to 1 inch requiring higher strength

**CORROSION RESISTANT:** Prevents rust and corrosion that could jeopardize threaded areas

**DURABLE:** Has excellent resistance to extremely harsh environments



## GELS

### AT60GEL MEDIUM STRENGTH BLUE GEL THREADLOCKER



**REMOVABLE:** Suitable for applications where disassembly with hand tools is required for servicing

**NO DRIP:** Gel formula provides a 'no-mess' application without drips, mess or waste, allowing for easy overhead and vertical application

**CORROSION RESISTANT:** Prevents rust and corrosion that could jeopardize threaded areas

**DURABLE:** Has excellent resistance to extremely harsh environments

**STABLE:** Prevents loosening and shock from vibration

### AT105GEL HIGH STRENGTH RED GEL THREADLOCKER



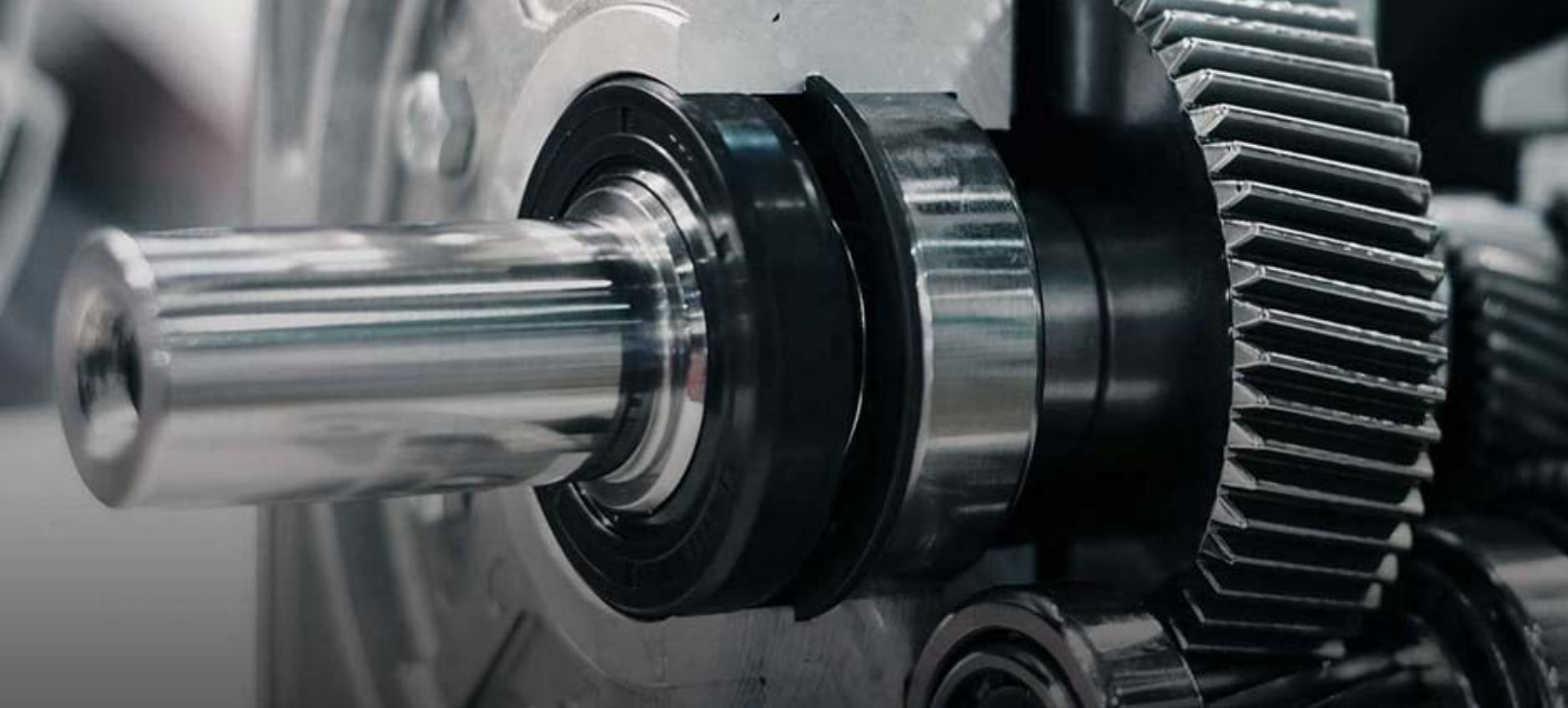
**ABSORBS SHOCK:** Suitable for applications with high levels of shock and vibration

**NO DRIP:** Gel formula provides a 'no-mess' application without drips, mess or waste, allowing for easy overhead and vertical application

**CORROSION RESISTANT:** Prevents rust and corrosion that could jeopardize threaded areas

**DURABLE:** Has excellent resistance to extremely harsh environments





**A**vailable in five different varieties and three different strengths (medium strength, high strength, and Large Thread (LT) high strength), these threadlockers surpass any similar products on the market. “All threadlockers are not equal,” Mark Porter, Marketing Manager at H.B. Fuller points out. “Because they are critical products that may be holding a \$150,000 piece of machinery together, it’s important for MRO managers to choose the highest quality, specific threadlocker for each application.”

Because they don’t require primers, GorillaPro® Threadlockers take the pain out of having to apply primer to chrome-plated or stainless-steel surfaces before applying the product. “You can just put the threadlocker on and you’re done,” says Porter. “That equates to one less step and definite time savings.”

The threadlockers also feature color-coded “grab-and-go” caps and labels that make it easy for employees to locate in toolboxes or tool pouches.

“The caps match the labels, so someone can look down, see a blue cap, pull it out of the pouch, and apply it,” says Porter. “This seems like a simple thing but searching around for the proper product can be a severe time-waster and our color-coded packaging eliminates downtime.”

The products’ gel pump bottles and zero-clog nozzles ensure ease of dispensing to minimize down time, while their plastic “no stick” nozzles help prevent typical adhesive buildup that occurs. “Most threadlockers are formulated in more of a liquid viscosity which is thin and tends to be runnier, while our Gel Formula Threadlockers are thicker like honey,” Porter explains.

“Our GorillaPro Gel Pump Dispensers are truly ‘Game Changers’ in our industry,” Porter adds. “Combined with our Gel Formula Threadlockers, they dispense evenly and don’t get product on your clothing, all over the bolt, or on the floor to create a potential slipping hazard.”



# Retaining Compounds



Used to secure bearings, bushings, keyways, and cylindrical parts into housings or onto shafts, retaining compounds provide an effective and economical method to eliminating causes of component failure, like loosening, corrosion, backlash, and wearing. These compounds work to unite the assembly, provide uniform stress distribution, and reduce or eliminate expensive machining operations.

Developed to maximize efficiency and minimize the need for machinery maintenance in a manufacturing facility, GorillaPro® Retaining Compounds deliver metal-to-metal bonds that are resistant to shock and vibration. This helps prolong equipment life, makes machines run more efficiently, and improves overall equipment reliability.

Like GorillaPro Threadlockers, the company's retaining compounds are primerless and don't require

## Retaining Compounds BENEFITS

- Available in **SLIP FIT** or **PRESS FIT** formulas
- Best choices for **NON-THREADED, CYLINDRICAL** applications
- Fills **INNER SPACE** between components
- Cures into a **HARD THERMOSET PLASTIC** that resists loosening
- COLOR CODED** for grab-and-go
- Better **LOAD TRANSMISSION** and **PERFORMANCE**





## SLIP FIT AR250 GREEN SLIP FIT RETAINING COMPOUND



**MULTI-USE:** Best for retaining shafts, gears, pulleys, and cylindrical parts

**SLIP FIT:** Allows for more relaxed machining tolerances in slip fit applications

**COST SAVING:** Replaces clamp rings, set screws, and snap rings

### Reliable Retaining Compounds

Retaining compounds durably and reliably retain bearings, shafts, studs, and flanges. In general, the need to dismantle these joints is not required, and GorillaPro Retaining Compounds are designed for high strength to meet this requirement. They achieve uniform stress distribution throughout the joint, making it possible to withstand dynamic and static loads with equal ease.

- Retaining compounds can fill small gaps within two mated assemblies which allows for less costly part designs
- Friction corrosion is avoided
- Replaces clamp rings, set screws, and snap rings, reducing annual maintenance spend



## PRESS FIT AR200 GREEN PRESS FIT RETAINING COMPOUND



**FAST FLOW:** Lower viscosity works best for augmenting press fit applications

**PRESS FIT:** Great for bushing and bearing mount housings

**COST SAVINGS:** Replaces clamp rings, set screws, and snap rings

### High-Performance MRO Solutions

Proactive maintenance can help prevent costly unplanned downtime. It's a challenge keeping up with maintenance activities while keeping teams trained, equipment operating, and driving productivity. With a full complement of maintenance adhesives, repair epoxies, lubricants, and sealants, GorillaPro Retaining Compounds can repair and improve the reliability of almost any piece of equipment or machinery.

the extra pre-application step. Designed for use on non threaded assemblies, retaining compounds are often applied to shafts that move through bearing assemblies.

The outside bearings themselves don't move and are locked down using the retaining compounds (aka, "bearing mounts"). "The retaining compound is stronger than a threadlocker because there are no threads to rely on to hold the two components together," Porter explains. "It's the same basic chemistry as a threadlocker, only stronger."



The GorillaPro® line of retaining compounds also feature color-coded grab-and-go caps and labels that make it easy for workers to identify and use while on the job. The color-coding is based on the original military specifications that were created for classifying the different products' values and characteristics.



# Gaskets & Sealants



Leaking liquids and gases can pose a hazard in the manufacturing setting and can also lead to profit losses and other inefficiencies. Using GorillaPro® sealants, MRO Professionals can effectively seal threaded pipe assemblies and flanged fittings, providing a tight seal over a long period of time.

The GorillaPro Pipe Sealant & Thread Sealant w/PTFE creates a low-pressure seal and is used in applications such as pipes and hydraulic assemblies to seal liquids and gases from escaping through the threads. The GorillaPro Gasket Maker is a flexible gasketing solution for rigid machined flanges, designed to replace and outperform, paper, rubber, and cork gaskets.

These gaskets and sealants help protect critical components; prevent liquid and gas leaks from escaping threaded or flanged fittings; and eliminate equipment downtime. Porter says sealants are critical on common industrial applications like putting two pieces of metal pipe together. "Many factories have miles of pipe running through them, carrying chemicals, water, hydraulic fluids, and other liquids or gases," Porter explains.

## Gaskets & Sealants BENEFITS

-  New 35ml  
**GEL PUMP DISPENSER**
-  **NO DRIP, NO MESS,  
NO WASTE**
-  No priming—  
**EASY TO USE**
-  **PTFE for EASY  
TIGHTENING**





## Professional Grade Gaskets & Sealants



### GASKETS

#### AG101 GASKET MAKER PURPLE GEL



- TIGHT TOLERANCE:**  
Seals close-fitting joints between rigid metal assemblies
- SECURE:**  
Best for differential cases, transmissions, and oil pans
- DURABLE:**  
Superior chemical and heat resistance while maintaining flexibility for proper gasketing



### SEALANTS

#### AS10 PIPE AND THREAD SEALANT WHITE



- FAST:**  
Provides immediate low pressure sealing performance on tapered pipe threads
- STABLE:** Designed for the locking and sealing of metal pipes and fittings
- SAFE:**  
National Sanitation Foundation (NSF) Rated

Ranging anywhere from two to six inches in diameter (give or take), industrial piping usually comes in 10-20-foot sections that are screwed together. By adding GorillaPro® Pipe and Thread Sealant to the application, manufacturers can eliminate the potential for pipe-on-pipe liquid or gas leaks. "When you apply the GorillaPro sealant to the threads, you can completely seal out air, gas, water, and fluids," Porter says. "Anything that's running through that pipe will not be able to escape through the threads."

Gaskets work in a similar manner. A water pump that comes in two pieces, for example, usually comes with a cut gasket (inserted between the

top and bottom of the pump) meant to eliminate the potential for leakage. "Cut gaskets are not always efficient at stopping leaks because any grooves, dings, or nicks in the metal allow the water to flow out and under the gasket," Porter explains.

To avoid this problem, manufacturers can use the GorillaPro Gasket Maker. With a liquid paste-like consistency, it fills in any imperfections in the metal, effectively eliminating the possibility of a leak. The product is packaged in a Gel Pump Dispenser Bottle with a zero-clog nozzle to ensure ease of dispensing and minimize downtime. The plastic "no stick" nozzles help prevent typical adhesive buildup seen in traditional metal pin nozzles.





## High-Performance MRO Solutions

### Gasket Maker

GorillaPro® Gasket Maker eliminates the need for pre-cut or compression gaskets. Used to fill the voids between metal flanges, it creates a seal that protects the joint against corrosion. GorillaPro Gasket Maker is resistant to common oils and gases.

- Fills all surface imperfections
- Withstands high temperatures and pressures
- Eliminates micromovement and slipping
- Won't shrink, crack, or relax
- For use on rigid iron, aluminum, and steel flanged surfaces

---

### Pipe & Thread Sealant\*

In addition to sealing fine threads, GorillaPro Pipe Sealants can also seal pipe fittings thanks to their ability to withstand most chemicals. These sealants provide a complete seal between threads, offering many advantages over traditional sealing methods like PTFE tape or hemp.

- Fills space between threaded parts
- Instant, low-pressure seal
- Prevents fluid and gas leaks
- Withstands most common chemicals
- Ideal for applications such as pipe fittings and hydraulic hoses

\*Can only be used on metal pipe threads. Please refer to the Technical Data Sheet for details.



# Instant Adhesives










**C** yanoacrylates (aka: Instant Adhesive or Super Glue) are used in many different industrial applications, including the assembly of metals, plastics, and porous substrates.

These acrylic-based adhesives adhere and cure quickly when two parts are “mated” together, thus forming a secure, safe bond for a wide variety of different equipment, machinery, and tool applications.

“When you join two parts in an environment where moisture is present, cyanoacrylates rapidly polymerize, joining the parts together quickly and with extreme strength,” Allibone explains. “This makes instant adhesives a good solution for both repairing or assembling parts.”

## Instant Adhesives BENEFITS

-  Grab-and-go, **COLOR-CODED CAPS**
-  **LIQUID** and **GEL** formulas
-  **CURES FAST** at room temperature
-  Superior **BOND STRENGTH**
-  Soft squeeze bottles for **EASY APPLICATION**
-  Controlled dispensing tips mean **LESS WASTE**
-  Pin nozzle caps **PREVENT CLOGS** and **INCREASE SHELF LIFE**



## Professional Grade Instant Adhesives

GorillaPro® Instant Adhesives are one-component, solvent-free, very fast-setting adhesives. Our instant adhesives bond within seconds in the presence of a weak base, such as surface moisture, and will bond well to a wide range of substrates. GorillaPro Instant Adhesives are designed for optimal adhesion in a variety of applications and maximum shelf life.

### LIQUIDS



#### CA100 LIQUID PLASTIC & RUBBER BONDING INSTANT ADHESIVE

**UNIVERSAL:** Suitable for general-purpose applications on metals, rubbers, or plastics  
**SAFE:** Tested to ISO 10993-5, making it suitable for use in medical device applications



#### CA30 LIQUID MULTI-PURPOSE INSTANT ADHESIVE

**ADAPTABLE:** Designed to bond a wide range of similar and dissimilar materials  
**FAST:** Achieves handling strength in most applications within 5 to 10 seconds  
**VERSATILE:** Can be post applied for added versatility



#### CA120SI LIQUID FAST-SETTING SURFACE INSENSITIVE INSTANT ADHESIVE

**FAST:** Best choice for applications that require faster cure speeds, on parts that are dry, and on parts that may be acidic  
**STRONG:** Displays excellent strength and flexibility on a variety of substrates

### GEL/SEMI-GEL

#### CA-GEL GEL MULTI-PURPOSE INSTANT ADHESIVE



**EASY:** High viscosity gel for easy, drip-free applications  
**GAP-FILLING:** Best choice for porous substrates  
**VERSATILE:** Designed to bond a wide range of similar and dissimilar materials  
**FAST:** Achieves handling strength in most applications within 25 seconds

#### CA500RT BLACK SEMI-GEL RUBBER TOUGHENED INSTANT ADHESIVE



**SECURE:** Provides superior shock and thermal resistance when bonding rubbers, metals, and plastics in harsh environments  
**VERSATILE:** Displays excellent strength and flexibility on a variety of substrates



**H.** B. Fuller manufactures the GorillaPro® Instant Adhesives in a facility where roughly 125 types of cyanoacrylates or “super glues” are made. “Our ingredients and the way the products are manufactured, including the purity, the monomer, and our base chemicals, all put our products above comparison,” Allibone says.

The GorillaPro line includes five different instant adhesives that can collectively address “99 percent of the maintenance applications you would encounter in the MRO manufacturing environment,” he adds. “Nothing is faster or stronger for making quick repairs in a shop.”

Similar to the rest of the GorillaPro product line, the instant adhesives feature the grab-and-go color-coded pin caps and labels, as well as the plastic “no stick” nozzles that prevent typical adhesive buildup. The instant adhesives

come in fatigue-free, squeezable bottles that are easy to use and that control the amount of product dispensed.

“The polyethylene bottle is round and ‘squeezy,’ which results in less waste due to better product control,” says Allibone. “Other instant adhesive bottles on the market are difficult to squeeze, and particularly when the bottle is nearly empty. Ours, on the other hand, was designed to be user-friendly and to enable quick use and equipment servicing.”










# Epoxies & Urethanes



**S**trong and versatile adhesives that are suitable for bonding most surfaces, GorillaPro® Epoxy and Urethane products are two-part structural adhesives that readily bond a wide range of substrates in demanding applications. They are ideal for applications that require fast set times and high strength, and can be used with most substrates including plastic, metal, ceramic, wood, glass, stone, or rubber.

Offering excellent resistance to heat and chemicals, GorillaPro Epoxies are high-strength adhesives that prevent surfaces from moving. For 'tough-to-bond' substrates, GorillaPro Urethane is flexible and is formulated to withstand contraction and expansion.

## Epoxies & Urethanes BENEFITS

-  **DOUBLE/BUBBLE** pocket packs
-  Proper mix ratio—**NO MISTAKES**
-  Single use package—**TRAVELS WELL**
-  Sealed for protection—**NO CONTAMINATION**
-  **COLOR CODED** to grab-and-go
-  **NO MESSY TUBES** with ill-fitting caps
-  Ideal for **EMERGENCY REPAIRS** on tough-to-bond substrates



## Professional Grade Epoxies & Urethanes

GorillaPro® Epoxy and Urethane Adhesives are two-part structural adhesives that readily bond a wide range of substrates in demanding applications, including most plastics, metal, ceramics, wood, glass, stone, and rubbers. GorillaPro structural adhesives are ideal for applications that require fast set times and high strength.

### EPOXIES

#### EP3 EXTRA FAST FAST SETTING EPOXY



**BONDS:** Plastic, metal, ceramic, concrete, wood, and stone

**EASY:** Room temperature cure

**FAST:** Extra fast setting

**STRONG:** Excellent cohesive strength

#### EP5 NON-SAG FAST SETTING EPOXY



**BONDS:** Aluminum, epoxy, glass, wood, and stone

**EASY:** Room temperature cure

**FAST:** Extra fast setting

**NON-SAG:** Non-sag formulation

**STRONG:** Excellent cohesive strength

### URETHANE

#### PU5 FAST SETTING URETHANE



**BONDS:** Urethane parts, thermoplastics, laminated surfaces, metal, leather, glass, and stone

**TOUGH:** Good impact resistance

**FAST:** Fast setting time

**VERSATILE:** Works on a wide variety of substrates

They are extremely versatile and are used for bonding, sealing, coating, and encapsulation in multiple industries and applications. The line includes the EP3, EP5, and PU5, each of which offers its own set of unique characteristics and capabilities to meet the challenges of the MRO manufacturing environment.

EP3 "Extra Fast Setting Epoxy" is a two-part structural adhesive that offers a work time of 3 to 5 minutes and provides high psi bond strength within 15 to 30 minutes. EP5 "Non-Sag Fast Setting Epoxy" offers fast-setting and a strong hold on a wide variety of material substrates. It includes a thixotropic filler that provides a thicker mix that is ideal for gap filling, fixturing, and tacking.





"Thixotropic fillers fill in regular gaps without running or dripping," says Chuck Eichacker, Business and Operations Manager, Engineering Adhesive, at H.B. Fuller. "Also, if you put it on a vertical surface, it's not going to immediately run or wick away, and if you squeeze something against it; it's going to stay put."

PU5 Fast Setting Urethane is a strong and flexible adhesive for repairing and bonding urethane parts, thermoplastics, laminated surfaces, metal, leather, glass, and stone. The GorillaPro® EP3, EP5, and PU5 products are contained in a single, two-part foil pack containing both the resin and hardener, which simplifies maintenance, repair, and installation operations and eliminates the potential for mixing errors.

GorillaPro Epoxies and Urethanes come in innovative DOUBLE/BUBBLE® pocket packs that allow a proper mix ratio for risk-free application of the product. They're vacuum-sealed for protection, thus eliminating potential product waste for long-term cost savings.

"This means no waste of part A or B due to inefficient handling of containers," says Eichacker. "Plus, there's always a perfect proportion for dispensing small amounts with no waste, which is much better than cartridges for small jobs."





# Anti-Seize Lubricants



**W**hen applied to bolts, fasteners, flanges, and other threaded or "mated" parts, anti-seize lubricants reduce the friction between those parts while also thwarting corrosion and seizure of parts that are under pressure.

"Anti-seize products are designed to protect expensive equipment and machinery in a plant so as to avoid excessive costs of replacing parts and reducing downtime," Allibone says. "It's an important preventative measure that manufacturer's take to protect equipment, machinery, parts, and assemblies."

The GorillaPro® line includes two anti-seize products. NSCU is a premium compound composed of pure copper and large flake graphite in a high-heat-resistant carrier fortified with the latest in rust and corrosion inhibitors and antioxidants.

## Anti-Seize Lubricants BENEFITS

-  **COPPER** and **NICKEL** formulas
-  **PROTECTS BOLT** and **PIPE THREADS** from seizing, galling, and cold welding
-  **LUBRICATES** and **SEALS** threads
-  Resists **RUST** and **CORROSION**
-  Allows for **EASY DISASSEMBLY** in corrosive or hot environments
-  Handy **BRUSH-TOP APPLICATOR**



It's designed to lubricate and protect threaded connections and assemblies at temperatures up to 1800°F (982°C) and under extreme load pressure conditions. The product meets MIL-PRF-907F performance requirements.

The GorillaPro® NSNI is used wherever extreme service conditions exist. A premium quality anti-seize compound and lubricant, NSNI was designed especially for maximum resistance to the most corrosive and extreme temperature environments. It performs to temperatures of 2600°F (1426°C) and also meets MIL-PRF-907F performance requirements.

## Professional Grade Anti-Seize Lubricant

Anti-Seize is a compound blending a variety of metallic materials and a thick oil or grease carrier. The primary purpose is to stop rust and corrosion and allow easier assembly and disassembly of fasteners and other metal parts. GorillaPro® Anti-Seize products are premium-grade and formulated with a large amount of metal flakes and a thick lithium soap grease. This professional grade formulation allows for greater reliability in harsh environments and critical applications.



### COPPER

#### NSCU PREMIUM COPPER-BASED ANTI-SEIZE LUBRICANT



**RUST PROTECTION:** Protects parts from seizing and rusting together

**MAINTENANCE FREE:** Greatly reduces maintenance challenges caused by parts rusting together

**REMOVABLE:** Aids in assembly and disassembly of parts

**CORROSION RESISTANT:** Highly resistant to saltwater corrosion and galvanic corrosion

**HEAT RESISTANT:** Withstands temperatures up to 1800°F, 982C

**VERSATILE:** Compatible with all types of metals



### NICKEL

#### NSNI NICKEL-BASED EXTREME SERVICE ANTI-SEIZE LUBRICANT



**SAFEGUARD:** Offers maximum protection from acids, caustics, corrosive chemicals, and extreme heat

**PROTECTION:** Eliminates seizing and galling of metals

**LUBRICATION:** Reduces friction and lowers torque

**BARRIER:** Provides nickel plating as a barrier between metal surfaces

**CORROSION RESISTANT:** Protects against corrosion and oxidation

**HEAT RESISTANT:** Withstands temperatures up to 2600°F, 1426C

**FAST:** Speeds assembly and disassembly





**A**ccording to Allibone, there are three primary benefits of using anti-seize. For starters, you can use it when assembling parts; "It's a lubricant, so it helps reduce friction and supports proper installation of those parts," he says. Once the parts are in place, anti-seize helps protect those parts from corrosion, rust, and galling (a form of wear caused by adhesion between sliding surfaces). "It helps to keep the parts from breaking down," he explains.

Then, when it's time to remove and/or replace those parts, the operation can be handled without inflicting any damage on the parts themselves or the machinery

that they're used in. "Because they've been protected and lubricated," Allibone adds, "the parts can be more easily removed, switched out, or repaired."

Like the rest of the GorillaPro® line, the anti-seize products feature color-coded grab-and-go labels that make it easy for workers to locate and use the products. NSCU is made from pure copper and graphite flakes, which translates into better protection against seizing and galling. Finally, the product's high metal content (39 percent metal) results in good conformability and superior heat transference between the product and the metal.

## Built to Withstand Extreme Environments

Anti-seize is typically used on bolted joints that experience high-temperature environments and require future maintenance. They can also be used to provide a more consistent clamp load, prevent galling, improve electrical conductivity, and protect against harsh corrosive environments.

- Reduces friction on stainless steel threads and press fits
- Coats gaskets in high-temperature applications
- Protection from acids, ammonia, acetylene and more



# 100+ Years of Experience

IN ADHESIVES AND SEALANTS

The GorillaPro® line combines H.B. Fuller's 100+ years of experience in creating adhesives with Gorilla's well-known and highly respected brand. The result is a line of professional grade adhesives that are powerful enough to keep plants in operation and people safe, but also mobile enough to be on-hand whenever called upon.

"This group of products offer many benefits to the MRO professional, who needs well-made adhesive products based on good chemistry, the most advanced materials, and strict quality control," says Allibone, who adds that H.B. Fuller is an ISO-certified manufacturer that's focused on producing high-quality products.

"Our goal is to help industrial maintenance crews do more with less, and to just be able to apply our products and not have to worry about them," Porter adds. "No one else in our manufacturing space brings innovation to the market like we do in terms of the products themselves, how they're made, and how they're packaged."





## Contact Us

H.B. Fuller Company  
9001 W. Fey Dr.  
Frankfort, IL 60423

---

Customer Service  
1.888.MRO.PROF  
(1.888.676.7763)  
gorillapro@hbfuller.com

[www.gorillapro.com](http://www.gorillapro.com)