

# ND ADHESIVES & SEALANTS DIVISION

Locking, Sealing, Bonding

UserApplied



Automotive Approved  
Meets Military Specifications



## MISSION STATEMENT:

- ❑ Since our founding in 1955, ND Industries has maintained a leadership position in the pre-application of self-locking and self-sealing elements to threaded fasteners. ND has expanded our products' versatility with an extensive line of **UserApplied** locking, sealing, and bonding products developed by our Adhesives and Sealants Division. Our range of products and services are by far the most extensive in the industry. It is our goal to provide our customers not only the finest products available but also to support them with an unsurpassed level of technical service.

## DESCRIPTION:

- ❑ ND's complete line of **UserApplied** locking, sealing, and bonding materials are a top quality alternative to similar products and competitively-priced. Select from the following products:
  - ❑ Threadlockers
  - ❑ Threadsealers
  - ❑ Activators / Primers
  - ❑ Pipe Sealants
  - ❑ Cyanoacrylates (Superglues)
  - ❑ Liquid Gaskets
  - ❑ Structural Adhesives
  - ❑ Retaining Compounds
  - ❑ Anti-Seize Compounds
- ❑ Due to the effectiveness of our comprehensive staff of chemists (many with varying specialties), ND leads the market in non-ozone depleting anaerobic primers and CA accelerators.



## FEATURES & BENEFITS:

- ❑ **Top Quality:** As evidenced by our users.
- ❑ **Price:** Extremely competitive.
- ❑ **Delivery:** ND is committed to on-time delivery. Typically orders are shipped within 48 hours of receipt.
- ❑ **Formulas:** ND offers innovative new formulas as well as a variety of existing formulas and colors to compete with those currently on the market.
- ❑ **Experience:** ND boasts over 40 years experience and more than 100 products related to locking, sealing, and bonding of fasteners.



- ❑ **Technical Service:** ND's knowledgeable staff of technical support personnel are always happy to assist.



## USERS OF OUR PRODUCTS INCLUDE:

- ❑ United States Armed Forces
- ❑ Ford Motor Company
- ❑ Volvo GM
- ❑ Fruit Of The Loom
- ❑ Just to name a few

**Represented By Specialty Sales**  
**Ira Shushan 805-491-5161**  
**Robert Lopez 562-833-6234**

ND's bottled adhesives, sealants, and bonding products meet and exceeds the performance requirements of the following specifications and/or standards:

### MILITARY

MIL-A-46050C, MIL-R-46082B, MIL-S-22473E, MIL-S-46163A

### AUTOMOTIVE

Ford WSK-M2G348-A7, WSK-M2G349-A1, WSK-M2G351-A1, A3, and A5

### INDUSTRIAL FASTENER INSTITUTE

IFI-125, IFI-525

MIL SPEC	* LOC TITE	ND	PRODUCT	COLOR	APPROX. VISCOSITY [cPS]	TORQUE STRENGTH BREAK/PREVAIL [IN LB]	DESCRIPTION
<b>MIL-S-46163</b>			<b>THREAD LOCKING</b>				<b>THREAD LOCKING</b>
Type II Grade M	222	111200	<b>ScrewGrade®</b>	Purple	1200 Thixotropic	75/25	A low strength threadlocker which eliminates vibrational loosening, and seals against leakage and corrosion. Typical uses: soft metal fasteners, precision screws, and locking fasteners smaller than ¼" in diameter.
Type II Grade N	242	121200	<b>NutGrade®</b>	Blue	1200 Thixotropic	120/45	A medium strength threadlocker. Seals most types of nuts and bolts allowing disassembly using standard tools. Typical uses: studs and bolts, threaded pipe fittings, and locking nuts or bolts larger than ¼" in diameter.
Type II Grade O	262	131600	<b>StudGrade® CT</b>	Red	1600 Thixotropic	200/100	High strength threadlockers for maximum security. Suitable for most applications where disassembly is not required. Typical uses: studs and bolts, and threaded pipe fittings.
Type I Grade K	271	140500	<b>StudGrade®</b>	Red	500	250/275	
Type III Grade R	290	150012	<b>Penetrating Adhesive Sealant</b>	Green	12	60/300	Designed specifically for use on pre-assembled connections. Seals small gaps through capillary action. Typical uses: pre-assembled fasteners, and porous die castings.
MIL SPEC	* LOC TITE	ND	PRODUCT	COLOR	APPROX. VISCOSITY [cPS]	SHEER STRENGTH [PSI]	DESCRIPTION
<b>MIL-R-46082</b>			<b>RETAINING</b>				<b>RETAINING</b>
Type I	609/675	530125	<b>Shaft &amp; Bearing Retainer</b>	Green	125	3000	A high strength adhesive for retention of cylindrical components, where disassembly is not required. Typical uses: rotors, shafts, bushings, bearings, and pulleys.
<b>MIL-A-46050C</b>			<b>BONDING</b>				<b>BONDING</b>
Type II Class 1	495	310035	<b>General Purpose Cyanoacrylate</b>	Clear	35	3000	A low viscosity ethyl-based cyanoacrylate that exhibits fast cure speeds on a wide range of common materials such as metals, rubbers, and plastics. Typical uses: loudspeaker components, rubber O-rings, belts, and bumpers.
Type II Class 2	414	310100	<b>Medium Viscosity Cyanoacrylate</b>	Clear	100	3300	A medium viscosity ethyl-based cyanoacrylate particularly suitable for rubbers and plastics. It is fast acting and may be fillet cured using ND Excel Accelerators. Typical uses: rubber O-rings, and rubber seals in domestic appliances.
	-	310300	<b>Instant Superglue Ethyl Cyanoacrylate</b>	Clear	250-370	1500-3830	A medium to low viscosity cyanoacrylate which is used for bonding plastics and rubber in various combinations.
	-	330600	<b>Instant Superglue Surface Sensitive</b>	Clear	500-600	3000-3700	A medium viscosity, general purpose cyanoacrylate which is also surface sensitive. Can handle a wide array of materials which include wood, cork, leather, stone and plastics, in any combination.

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\* LOCTITE is a registered trademark of Loctite Corp.

**For more information on ND Adhesives and Sealants Division, call toll free 1-800-521-2663,  
for any of ND Industries' other quality fastening products, contact your nearest ND Service Center:**

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**Solutions For Fastening Technology**

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