



www.antiseize.com

# ANTI-SEIZE SPECIAL™

Aluminum, Copper and Graphite Based Anti-Seize Compound

## Product Description

**Anti-Seize Special™** is our premium grade Anti-Seize Compound and high-pressure lubricant which has great versatility.

**Anti-Seize Special™** is designed to fill the needs of a general purpose Anti-Seize Compound which services a wide variety of applications. It functions well with both small and large assemblies. This high quality aluminum, copper, and graphite based anti-seize formula has unique particle shapes suspended in a special carrier enhanced with the latest rust and corrosion inhibitors as well as extreme pressure additives. It will protect metal parts under extreme heat, pressure, and contaminating conditions to 2000°F (1095°C).

**Anti-Seize Special™** is one of our most popular Anti-Seize compounds and has been reliably servicing the needs of Industry for over 40 years. Meets the performance requirements of MIL-PRF-907F

## Features & Benefits

- Protects against rust and corrosion
- Versatile, works on small and large assemblies
- Reduces friction
- Speeds assembly and disassembly
- Resists seizing, galling, and cold welding
- Retards galvanic action between dissimilar metals
- Resists salt water corrosion
- Compatible with all types of metals and most plastics
- Non-hardening and non-dripping

## Applications include

All Nuts and Bolts, Bushings, Centers, , Conveyors, Couplings, Dies, Drills, Fittings, Flanges, Gears, Keyways, Motors, Press Fits, Pumps, Shafts, Sleeves, Slides, Spark Plugs, Taps, Valves, Wristpins, and more. They are used in Steel Mills, Foundries, Oil Refineries, Chemical Plants, Construction and Farm Equipment, Autos, Trucks (Fleet Maintenance), Electric Power and other Utilities, Oil Drilling, Mining, Diesel and Gasoline Engines, Marine Motors, Shipyards, Paper Mills, and Machine Shops.

## GHS information

The aerosol version requires GHS pictogram  
The bulk product is non-hazardous under OSHA 2102 HazCom ( GHS) rules

## Typical Properties

Property	Value
Specific Gravity	1.2
Weight per gallon	10.0 LB
Penetration, D217-60T,	280-310
Oil Separation, 30 hr. at 158°F	<2%
Flash point, ASTM D-92-85 (IP 36/65)	>350°F
Dropping Point ASTM D566	>400°F
Color	Aluminum
Coefficient of Friction ( bolting)	0.156 ± 0.006
Torque Coefficient "nut factor" ISO 16047	K Values 0.204 ± 0.007 * Testing is required to determine the exact K values & specific performance on any individual fastener using the desired anti-seize compound.
Homogeneity	Will not settle, harden or separate under normal conditions.
RoHS 3	Compliant

ISO 16047

\*M10 x 1.5 x60mm PC 10.9 nut and bolt ( grade 8)

In critical bolting applications the K-factor should be independently verified.

## Directions for use:

For best results, parts should be clean and free of other Lubricants or cutting oils.

Apply a thin film to threads washer faces and flats on nut. For large assemblies coat both the threads and interior threads of the nut as well.

Keep bottle closed when not in use. If oil separation occurs, stir product to reincorporate the oil.

**Not for use** on oxygen systems, chlorine or other highly oxidative chemicals.

## Clean up

**Skin Contact:** Under normal usage - removal from skin with soap and water.

**Equipment:** Detergents or Mineral Spirit type solvents work best

ANTI-SEIZE TECHNOLOGY

2345 N. 17th AVE. • FRANKLIN PARK, IL 60131-3432

847-455-2300 • [www.antiseize.com](http://www.antiseize.com)



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## **Cautions**

Read all information on labels and Safety Data Sheets prior to use. All products should be tested & valued for a particular purpose prior to use. See Warranty Statement in our Catalog or on our Website. **Not** suitable for use with oxygen or chlorine.

## **Shelf Life**

Anti-Seize Special™ has a shelf life of 5 year or more when stored in a closed container. Shelf life may be much longer depending upon storage location and conditions. Store with container tightly sealed in a cool dry place for optimum shelf life. If slight separation occurs, stir product.

## **Product Limited Warranty**

This information is based on information we believe to be reliable and accurate, but no guarantee of its accuracy is made for a particular application. We urge and recommend that Users pretest their application prior to incorporating the product into use and assume that the User will conduct such testing. Also see warranty statement on website.

Anti-Seize Special™ is a Registered Trademark of Anti-Seize Technology

## **Available In:**

<b>Size:</b> 2oz BT	3oz tube	5oz BT	8oz BT	12.5oz aer	15oz cart
<b>P/N:</b> 18002	18003	18005	18010	18014	18015

<b>Size:</b> 1# can	1# BT	2 1/2# can	8# can	42# pail	425# drum
<b>P/N:</b> 18016	18018	18025	18030	18050	18425

<b>SLICKON Bolt Dip &amp; Brush Applicator, 8 oz Refill Tube</b>
<b>P/N:</b> 18338 18008

BT=Brush Top, Aer=Aerosol, Cart=Cartridge