

# TALON COOPER ANTI-SEIZE COMPOUND

## ANTI-SEIZE LUBRICANT AND THREAD SEALANT

### CU-SPEC

#### PRODUCT DESCRIPTION

##### PRODUCT

**Talon Copper Anti-Seize** Lubricant and Thread Sealing Compound

##### DESCRIPTION

**Talon Copper Anti-Seize** is a specially formulated copper based thread sealant for high temperature [up to 1800°F (982°C)] and high pressure environments.

**Talon Copper Anti-Seize** contains special ingredients that produce a permanent leak-proof metallic seal under pressure, yet prevents seizing, galling, freezing, or tearing, even under extreme conditions.

##### RECOMMENDED USES

**Talon Copper Anti-Seize** can be used as a sealant and anti-seize lubricant for all metal pipe threads, bearings, drill collars, gear reducers, tool joints, rotary shoulder connections, screws, flange connections, couplings, seals, studs, bolts, plugs, pins, bushings, valve seats, valve stems, valve packing assemblies, valve gate assemblies, slides and key ways. Excellent for use on high pressure corrosive systems.

**Talon Copper Anti-Seize** will not bleed, separate, or settle. Prevents pressure leakage and seizing resulting from high temperature, freezing, heavy loads, corrosion, and vibration. Contains no grit. Prevents rust and corrosion. Specially formulated for summer or winter use. Provides easy assembly and disassembly of bolts, plugs, studs, flanges, and fittings.

Suitable for use on systems carrying:

Air	Natural Gas
Alkalis, Dilute	Nitrogen Gas
Ammonia	Refrigeration
Brine	Gases
Carbon Dioxide	Soap, Liquid
Chlorinated Water	Steam Lines
Freons (All)	Sugar, Liquid
Inert Gases	Water

##### CU-SPEC

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This product is manufactured in the U.S.A.

#### COLOR/CONSISTENCY

Copper color brushable paste of smooth, grit free consistency.

**Talon Copper Anti-Seize** has an indefinite shelf life.

**NLGI Consistency:** 2

**Sulphur Typical:** 0.5%

**Worked Penetration:** 290-310

**Coefficient of Friction:** 0.1

#### TEMPERATURE RANGE USE

##### Gases:

-0°F (-17°C) to 1800°F (982°C)

##### Liquids:

-0°F (-17°C) to 1800°F (982°C)

**Brushable to:** 10°F (-12°C)

**Pour Point:** 32°F (0°C)

#### PRESSURE RANGE USE

##### Gases:

up to 3,000 PSI (211 kg/cm<sup>2</sup>)

##### Liquids:

up to 10,000 PSI (703 kg/cm<sup>2</sup>)

#### FOR USE ON THREADED

All types of metal including stainless steel, nickel, copper, cast iron, brass and titanium.

#### CORROSIVENESS

**NŌ-SEIZE** is non-corrosive, and prevents the corrosion and seizing of threads.

#### U.S. MILITARY SPECIFICATIONS

**NŌ-SEIZE** meets and exceeds MIL-A-907E.

#### ENVIRONMENTAL STATEMENT

**NŌ-SEIZE** is formulated with inorganic grease and is free from any lead containing ingredients.

#### WEIGHT PER U.S. GALLON

10.1 lbs. (4.6 kg) ± 0.2

#### DRYING TIME\*

The system may be pressurized immediately after assembly. Non hardening.

#### PACKAGING

##### U.S. Measure:

<u>Stock Code</u>	<u>Size</u>
<b>Brush Top Can</b>	
CU8	10 oz. (284 g)
CU16	1 lb. (454 g)
CU32	2 ½ lb. (1.13 kg)
<b>1 Gallon Metal Can w/ Handle</b>	
CU1	10 lb. (4.54 kg)
<b>2 ½ Gallon Metal Can w/ Handle</b>	
CU3	20 lb. (9.08 kg)
<b>5 Gallon Plastic Pail w/ Handle</b>	
CU5	50 lb. (22.68 kg)
<b>55 Gallon Open Head Steel Drum</b>	
CU55	525 lb. (238 kg)

#### SHIPPING WEIGHT PER CASE

<u>Stock Code</u>	<u>Case Weight</u>	<u>#/Case</u>
CU8	19 lbs. (8.6 kg)	24
CU16	13 lbs. (5.9 kg)	12
CU32	31 lbs. (14.1 kg)	12
CU1	43 lbs. (19.5 kg)	4
CU3	22 lbs. (9.9 kg)	1
CU5	54 lbs. (24.3 kg)	1
CU55	565 lbs. (257 kg)	1

#### DIRECTIONS FOR USE

1. Remove all dust, grease, oil and any foreign material from mating surfaces.
2. Apply **Talon Copper Anti-Seize** to mating surfaces and assemble.

Keep container closed at all times when not in use to avoid contamination. Requires no thinners.

**DO NOT USE ON OXYGEN SYSTEMS.**



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