

TECHNICAL DATA

2013

Description

GASOILA® Thred Gard Nickel Anti Seize is a premium quality anti-seize and gasket compound for use in extreme temperatures and hostile environments.

GASOILA® Thred Gard Nickel Anti Seize contains graphite. The solids produce a matrix of particles which settle in successive layers or "sandwich". This allows the solids to serve as a lubricant, cushion and seal. This layering does not allow the cold welding under compaction that leads to seizure and galling.

Type

Pure nickel flake and a nearly inert dispersing solid in a high quality complex base grease.

Typical Uses

Used extensively in refineries, chemical plants, petrochemical plants, power generation facilities and other harsh environments on items.

Use on all nuts and bolts, bushings, centers, cams, rollers, conveyors, couplings, dies, drills and taps, fittings, flanges, gears & motors, keyways, press fits, pumps, shafts, sleeves and slides, spark plugs.

Substrates

All metals

Packaging

¼, ½, 1 pound brush top containers. 9lb and 20lb pails

Wt/Gal: 9lbs.

Safety

Contains no lead, not a skin sensitizer, non-corrosive. Read all information on label & MSDS prior to use. All Products should be tested & evaluated for a particular purpose prior to use. See Warranty Statement in our catalog or on our website.

Shelf Life

One year in original containers, when stored at room temperature at or below 80°F (27°C)

Color

Silver

Clean Up

Skin: Under normal usage removal from skin with hand cleaner or soap and water.

For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident Call:

CHEMTREC - Day or Night. 1-800-424-9300

KEEP OUT OF THE REACH OF CHILDREN

Product Data Sheet

Characteristics:

Temperature Range

0°F (-18°C) to 2600°F (1427°C)

Contains no lead or copper.

Prevents seizure up to 1427°C (2600 °F)

Protects against rust and corrosion

Chemically inert and Acid resistant

Strong resistance to water washoff

Brushable to -18°C (0°F)

Will not run, drip or settle out.

SPECIFIC GRAVITY:

1.10 (9.2 lbs / gal)

OIL SEPARATION:

Wt.% Loss Max 3.0

DROPPING POINT:

(ASTM D-566) 500°F (260°C)

WATER SPRAY OFF:

(ASTM D4049) <8.0%

DENSITY:

(kg/liter) 1.10

PENETRATION:

(ASTM D217) 77°F 290 - 320

CORROSION RESISTANCE:

(Modified ASTM B117)

20% NaCl at 100°F, Hours Free From Corrosion 200+

COPPER STRIP CORROSION:

(ASTM D-4048) 1A

COEFFICIENT OF FRICTION:

(1" 316 Stainless Steel) 0.15

EVAPORATION LOSS WT.:

%<1.0 24 Hours @ 212°F (100°C)

OPERATING RANGE:

-65°F to 2600°F (-54°C to 1427°C)

The information presented is in good faith, but no warranty is given, nor are results guaranteed.

Federal Process has no control over physical conditions surrounding application conditions.

Federal Process disclaims any liability for untoward results.



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