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# Seize-Stop

## Oil-Based, High-Temperature Anti-Seize Coating Utilizing Boron Nitride and Graphite

Seize-Stop Non-Metallic Anti-Seize has been formulated with highly lubricating oil and powder lubricants. Seize-Stop provides anti-seize protection in industrial applications where metal containing products are not allowed, such as when the environment or regulations dictate a non-metallic product. It is an excellent anti-seize for most all metals, including plain carbon steel (mild steel), stainless steel, other alloy steels, titanium, nickel, aluminum, and soft metals. It prevents seizing, corrosion, rusting, and galling between metal parts, and is recommended for service from ambient to 900 C (1652 F) in air atmosphere.

### Key Attributes

- High Flash Point (>175 C or >350 F) Oil Based
- Corrosion Inhibiting; Chemical/Oxidation Resistant
- Metal-Free; Thermally Conductive; Electrically Insulating
- Ambient to High-Temperature (900 C or 1652 F) Lubrication/Release
- Wet or Dry-Film-Lubricant Capability
- Easy Brush-Top Application to Ambient or Hot Surfaces
- Low VOC (41 g/L), Biodegradable Carrier Oil
- Water Resistant

### Ideal Use

- Providing anti-seize/release for parts exposed to high temperatures (bolts-nuts, screws, hinges, chains, rollers, belts, conveyers)
- Preventing/reducing galling, corrosion, pitting, wear, fretting
- Sealing layer

### Use Notes

1. Resuspend if needed, by shaking.
2. Clean surfaces to be painted of any oils, dirt, scale, etc.
3. Apply a thin/uniform layer with the brush cap onto all mating surfaces
4. Use as applied (Oil will remain liquid at ambient temperatures) or Heat to 200 C for <= 2 hours to yield a Dry-Film-Lubricant (DFL)
5. Cleanup with Ethyl Alcohol, IPA, Acetone, MEK, or Simple Green®



### Specifications

Active Ingredient	Boron Nitride, Graphite
Max Use Temperature	Air 1652 F (900 C)
Use Atmosphere	All
Liquid Carrier	Methylated Seed Oil
Brookfield Viscosity (cps)	3200-4200@4/60
Specific Gravity	0.97
Color	Gray/Black
Shelf Life (months)	>12
Coverage (ft <sup>2</sup> /8 oz.)	Estimated 10-20
H F R Ratings	1-1-0
Substrate Use	All metals

Other: Can be heat cured at 200 C, 1-2 hours, to dry-film-lubricant.

### Sizes and colors

Seize-Stop is a black to dark gray colored paint. Standard Size: 8 ounce heavy-duty container with brush cap

### Safety Information

- Consult SDS before use.
- If heated, avoid breathing of vapors.
- For Industrial Use only.

### CAUTION: DO NOT CONTACT WET COATINGS WITH MOLTEN METAL.

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