

## SS Nuclear Anti-Seize

### Technical Data Sheet

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**PRODUCT DESCRIPTION:** *SAF-T-EZE Stainless Steel Nuclear Anti-Seize* provides ultimate protection as a high temperature anti-seize and extreme pressure lubricant. *SS Nuclear Anti-Seize* stops corrosion, galling and seizure between metal parts and is recommended for service to 2500°F.

*SAF-T-EZE SS Nuclear Anti-Seize* has been specifically formulated to the high purity and performance requirements of the nuclear industry. This product is produced from the highest purity grease, Stainless Steel and Graphite that minimize Sulphur, Halogens, Mercury, Lead, Cadmium, Tin etc. *SS Nuclear Anti-Seize* is manufactured under 100% controlled production and inspection. Each batch is tested and approved before packaging. The contaminants are low thus providing the ultimate performance high temperature anti-seize and extreme pressure lubricating properties for power generating facilities.

#### PHYSICAL PROPERTIES:

<b>Color</b>	<b>Silver Gray</b>
<b>Temperature Range</b>	<b>-60° to 2500°F</b>
<b>NLGI</b>	<b>1</b>
<b>Specific Gravity</b>	<b>1.2</b>
<b>Weight per gallon</b>	<b>10.0 lb.</b>
<b>Penetration</b>	<b>180 ± 30</b>
<b>Drop Point</b>	<b>&gt;500°F</b>
<b>Flash Point : C.O.C.</b>	<b>440°F</b>
<b>Particle Size</b>	<b>1 Mil Maximum (25 µ)</b>
<b>Coefficient of Friction</b>	<b>0.09 (Shell 4 Ball Method)</b>

**APPLICATION:** *SAF-T-EZE SS Nuclear Anti-Seize* is recommended where very different metals are used together such as brass and steel because Stainless Steel is very hard and keeps surfaces apart. It is also used where high Nickel alloy metals such as stainless steel, or where Titanium or other hard metals are involved. *SS Nuclear Anti-Seize* is also used where metals such as copper cannot be present, such as in steam turbine generators or nuclear processing plants. Surfaces need not be cleaned before application unless grit or low quality oil/grease is present and ultimate performance is required. Use on threaded parts, bushings, gears, valve stems, chains, sprockets, levers, hinges, pivots, rollers, heat exchanger bolts, manifold bolts, or as a gasket release agent, etc.

NOTE: This product is not recommended for pure oxygen systems.

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**IMPORTANT NOTICE:** All statements and technical data contained herein are based on tests we believe to be reliable, but the accuracy of completeness thereof is not guaranteed. It is recommended that the buyer test this product to determine its suitability for his application before use. **SAF-T-LOK International Corporation** is not responsible for loss, claim or damages resulting from use of its products.