

# SAF-T-EZE®

## SA-12C Anti Seize

## Technical Data Sheet

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**GENERAL INFORMATION:** **SAF-T-EZE Aerosol Copper Grade** provides protection as a high temperature anti-seize and extreme pressure lubricant. **SAF-T-EZE** stops corrosion, galling and seizure between metal parts. **Copper Grade** performs to 2000°F.

**PRODUCT DESCRIPTION:** **SAF-T-EZE Aerosol Copper Grade Anti-Seize** is a smooth, non-separating formula consisting of a lithium soap thickened grease into which is compounded very fine flaked copper as well as graphite lubricants and corrosion fighting inhibitors. This high performance grease and solid additives provide extreme pressure lubricating properties that prevent galling and cold welding and at the same time prevent water wash out and galvanic pitting from electrolysis of road salt, acid rain or salt water.

**SAF-T-EZE Aerosol Copper Anti-Seize** is non-hardening and has exceptional thermal stability. The particles present are inert and will not evaporate at extreme temperatures and their heat resistant qualities will prevent carbon fusion and seizure at temperatures approaching 2000°F. This anti-seize compound does not contain lead, molybdenum disulfate or halogen compounds.

### PHYSICAL PROPERTIES:

<b>Color</b>	<b>Copper</b>
<b>Anti-Seize Percent Solids</b>	<b>35</b>
<b>Temperature Range</b>	<b>-65° to 2000°F</b>
<b>NLGI Grade</b>	<b>1</b>
<b>Specific Gravity</b>	<b>1.0</b>
<b>Weight per gallon</b>	<b>8.5 lbs.</b>
<b>Penetration</b>	<b>250<sub>±</sub> 20</b>
<b>Drop Point</b>	<b>380°F</b>
<b>Particle Size</b>	<b>1.5 Mil Maximum (30)</b>
<b>Coefficient of Friction</b>	<b>0.08 (Shell 4 Bal Method)</b>

**APPLICATION:** **SAF-T-EZE Aerosol Copper Anti-Seize** can be used as a lubricant, a sealer, a break in lubricant, or tapping compound on plastics as well as metals. Surfaces are best cleaned before application as grit or low quality oil/grease may be present and best performance is required. The reduction in assembly friction increases torque tension by about 20 percent. Use on threaded parts, bushings gears, valve stems, chains, sprockets, levers, hinges, pivots, rollers, heat exchanger or manifold bolts, or as a gasket release agent, etc.

**NOTE:** This product is flammable and should not be used near sparks, flame or heat sources. It 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 Corporation is not responsible for loss, claim or damages resulting from use of its products.