

**INTRODUCTION**

A-8009 is a graphite/calcium fluoride formulation, which is free from lead, copper, sulfur, and their compounds.

A-8009 contains no free metals and is compatible with stainless steel and other nickel alloys. Typical applications of this product includes bolts, screws, studs, pipe joints, nuts, plugs, bushings, extruding and forming dies, heat exchangers, shear blades, metal bending, mechanical packings, etc. It is used in chemical plants, oil refineries, power plants, paper mills, steel mills and foundries, synthetic fiber plants, ship and aerospace manufacturing and service, etc. This product is typically used in applications with an operating range of -29 °C to +1315 °C.

**TYPICAL PROPERTIES**

Specific Gravity @ 25 °C 1.15 to 1.27LMS

Penetration, ISO 2137, 1/10mm 270 to 370LMS

Flash Point - See MSDS

**TYPICAL PERFORMANCE**

An anti-seize lubricant used on a bolt helps to develop greater clamp load for the same torque compared to an unlubricated bolt. An additional benefit is greater uniformity in clamp load among a series of bolts. T

**GENERAL INFORMATION**

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a lubricant for chlorine or other strong oxidizing materials. For safe handling information on this product, consult the Material Safety Data Sheet (MSDS).

**DIRECTIONS FOR USE**

1. For best performance the mating surface should be clean and free of grease.
2. Note: When grinding or wire brushing, use a dust mask. Dust from cleaning threads may contain metal compounds. Inhalation may cause lung injury or other harm.
3. Apply thin coating to mating surfaces, assemble.
4. Do not use thinner.

**STORAGE**

Store product in the unopened container in a dry location. Storage information may be indicated on the product container labeling.

Optimal Storage: 8 °C to 21 °C. Storage below 8 °C or greater than 28 °C can adversely affect product properties.

Material removed from containers may be contaminated during use. Do not return product to the original container.

