



User Manual & Product Details

Smooth-Kote[™], *BP2000 Powder*[™] & *Hi-Slip Grease*[™]

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Sentry Solutions product line was developed as a system to replace the use of traditional oil based lubricants. Proper use of our product line reduces, and in most cases eliminates the need for firearm cleaning solvents. Cleaning becomes as simple as brushing off. All of the products can be used for complete firearms care or used individually to solve specific problems such as rust prevention or trigger tuning. SMOOTH-KOTE[™], BP2000 Powder[™] and HI-SLIP GREASE[™] share a common technology; high purity, sub-micron molybdenum disulfide, but each product uses a different form and mix.

SMOOTH-KOTE, a light viscosity, fast-drying liquid, is easily applied to the interior parts and surfaces of firearms. BP2000 Powder is an extremely fine powdered form of moly, applied by rubbing into metal surfaces where it works microscopically. Sub-micron passivated molybdenum disulfide particles bond directly to the gun metal giving it a non-stick coating that prevents fouling and dirt build-up, while lubricating triggers and gun actions to a new level of smoothness. HI-SLIP GREASE is a synthetic blend containing the purest, sub-micron molybdenum disulfide available. As grease, it is not a dry film and reduces wear on high-load bearing surfaces. HI-SLIP offers the benefits of a self-healing, non-toxic film without the migration problems of traditional oils. Formulated specifically for firearms and military hardware, it lubricates and stops rust from -65°F to 650°F and resists water wash-off. Even under extreme conditions and high load, it prevents galling of all metals including titanium.

These three products solve all lubrication problems found in firearms. When used as part of the Sentry Solutions, system they offer complete dry film protection against friction and wear. High load bearing surfaces are best lubricated with HI-SLIP GREASE. While not a dry film, its “stay put” power minimizes the surface area in a firearm that would remain “wet”.

SMOOTH-KOTE is a fast-drying lubricant and bore treatment that molecularly bonds to metal, protecting against friction, fouling and wear from -65°F to +650°F. This proprietary mix of dry film lubricants uses residue-free isopropyl alcohol (the same as found in rubbing alcohol) as a carrier. The carrier provides cleaning action, then evaporates, allowing the lubricants to bond with the pores in metal surfaces. This micro-bonding assures long-lasting effectiveness in all conditions. SMOOTH-KOTE and BP2000 Powder eliminate grime with advanced non-stick dry protection that repels dirt, and shields against residue build-up, making clean up as simple as brushing off. When used as a bore treatment, the bonded lubrication smooths the rough spots to dramatically reduce fouling thereby enhancing accuracy, bullet velocity and reliability. SMOOTH-KOTE, unlike expensive bullet coating, will not build up in the bore and is easily removed with bore solvents. After using SMOOTH-KOTE, you will find almost no need for bore solvents; the fouling cannot stick to the SMOOTH-KOTE barrier. Solvent free cleaning is possible because SMOOTH-KOTE bonds more strongly to the metal than the dirt and residue does to SMOOTH-KOTE.

BP2000 Powder can be used on its own or on top of SMOOTH-KOTE- or TUF-CLOTH-treated surfaces to further lower the coefficient of friction. This specialty lubricant lightens gun triggers (as much as 20% lighter when used on top of SMOOTH-KOTE), lubricates gun actions and conditions bores so they perform better than new. It protects metallic gun surfaces from friction and fouling.

Directions for SMOOTH-KOTE, BP2000 Powder and HI-SLIP GREASE

1. Use gloves if available; otherwise, use waterless hand-cleaner for clean up. Clean surfaces well, use a residue-free cleaner, or rinse the cleaned/degreased surface with rubbing alcohol or similar.

2. Stir and shake SMOOTH-KOTE well. Apply a thin coat to all interior surfaces, including the bore, using a brush, dipping, spraying, or by using the Precision Applicator to wet patches. Allow 2 hours at room temperature for curing,

(over)



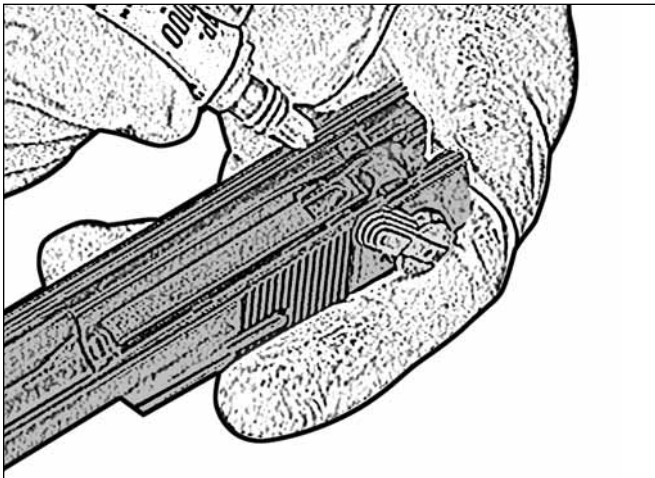
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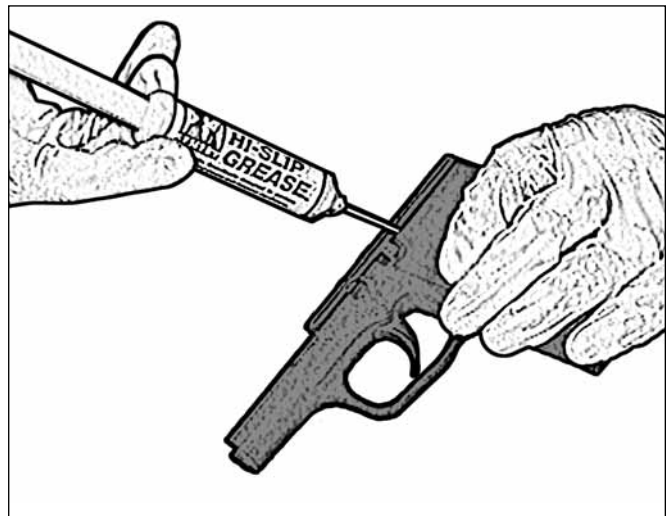
or apply heat using a hair dryer or similar to shorten curing time. NOTE: Surfaces treated with SMOOTH-KOTE will have a black/gray color. If in doubt about color, test on an interior surface. For quick clean up of SMOOTH-KOTE wipe before dry with paper towel moistened with rubbing alcohol.



3. Allow SMOOTH-KOTE to dry completely if applying BP2000 Powder on top of it. Put a small amount of the powder on a clean patch, cloth or swab and briskly rub the powder into the metal surface. If disassembly of parts is not possible gently squeeze the bottle, blowing the powder into the exposed mechanism. Work the parts to ensure complete coverage. NOTE: Surfaces treated with BP2000 will have a silvery gray mirror like finish. If in doubt about color, test on an interior surface.

BP2000 Powder may be used on top of TUF-CLOTH-wiped surfaces in the same way.

4. Use HI-SLIP GREASE sparingly (a spot of grease about the size of a pinhead) on high load or extreme wear points. Apply to locking lugs on bolts and high friction points of non-hammer and sear trigger systems. Wipe off excess.



5. To maintain: use a dry nylon-bristle brush to clean surfaces and bore. Then touch-up wearing surfaces with SMOOTH-KOTE or BP2000. NOTE: If using lead bullets, bore may be cleaned using a bronze brush or, if needed, bore solvent. Then re-treat bore with SMOOTH-KOTE as in step 1 and 2.

6. Use TUF-CLOTH to wipe exterior of firearm, magazines and magazine well, even wood and plastic components.

For “in the field” maintenance, TUF-CLOTH can be used to maintain all surfaces. Excessive wiping with cloth can remove some SMOOTH-KOTE, BP2000. No solvent needs to be used prior to touching-up with SMOOTH-KOTE. TUF-CLOTH provides cleaning, corrosion protection and lubrication to SMOOTH-KOTE-treated surfaces.

Please visit www.sentrysolutions.com for detailed information or Email us at help@sentrysolutions.com.