TECHNICAL BULLETIN

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A COMPARISON OF STRIKE-SHIELD™ & SPRAY-SHIELD™ & WD-40™

When comparing the characteristics of SPRAY-SHIELD (SS) & STRIKE-SHIELD (STKS)™ to those of WD-40, there are profound differences in product features and benefits.

WD-40 Claims Five Basic Functions:

CLEANS: WD-40 gets under dirt, grime and grease to clean. It also dissolves adhesives, allowing easy removal of labels, tape, stickers, and excess bonding material.

DISPLACES MOISTURE: Because WD-40 displaces moisture, it quickly dries out electrical systems to eliminate moisture-induced short circuits.

PENETRATES: WD-40 loosens rust-to-metal bonds and frees stuck, frozen or rusted metal parts.

LUBRICATES: WD-40's lubricating ingredients are widely dispersed and hold firmly to all moving parts.

PROTECTS: WD-40 protects metal surfaces with corrosion-resistant ingredients to shield against moisture and other corrosive elements.

SPRAY-SHIELD & STRIKE-SHIELDTM Provide the Above Functions Plus More:

CLEAN: SS & STKS lift and remove dirt, grime and grease from surfaces, including adhesive compounds and bonding agents.

SS & STKS keep surfaces clean by rejecting airborne contaminants, such as dust and smoke, due to its electrochemical surface bonding technique by causing a dipole-dipole interaction and cation exchange on the metal surfaces. This, in effect, creates a greater positive charge on the metal surfaces which react with positive charged airborne contaminants (+ ions) in causing a repulsion between the two.

DISPLACE MOISTURE: SS & STKS are a fast-acting drying agent for quick and thorough moisture displacement in damp or soaked electrical or electronic systems. A migrating film burrows under condensation and moisture, driving it to the surface where they dry or can be wiped off to reactivate circuits. After moisture is displaced, an ultra-thin residual film resists rust and corrosion. SS & STKS do not contain carbon tetrachloride and will not harm insulation.

Areas of Use: Wet or damp ignitions, electrical systems, motors, controls, starters, relays, radios, electronic equipment, etc.

PENETRATE: SS & STKS are the ideal solution to hundreds of different maintenance and production problems involving rust and corrosion. They work quickly and effectively on even the most severe cases of rusted equipment, parts and components. SS & STKS disperse quickly into rusted, corroded areas to loosen scale and free up working mechanisms, tight fitting parts and frozen fastenings. SS & STKS's low surface tension speed penetration even into normally inaccessible areas. SS & STKS will not affect painted surfaces.

Areas of Use: Rusted lugs or bolts, sliding parts, sluggish mechanisms, hinges, tools, products in storage, gear trains, wheels, rotating apparatus, linkages, cams, levers, industrial equipment, etc.

LUBRICATE: SS & STKS are a light, but lasting lubricant. They offer quick, positive, long-lasting lubrication on wide varieties of applications in industry, the shop and garage, the farm and at home. SS & STKS are ideal for automobiles and equipment, flowing and lubricating deeply into hard-to-reach internal areas.

Areas of Use: Metal mechanisms, gears, locks, linkages, wheel bearings, metal-to-metal surfaces, cams, levers, engines, motors, slides, hinges, garden equipment, etc.

PROTECT: SS & STKS stop rust dead in its tracks. These products' unique formulation uses a combination of the best rust and oxidation preventatives available. SS & STKS seek out rust, stop the oxidation process

and prevent further rust from forming.

In addition, SS & STKS remove corrosion and corrosion bridges from printed circuit boards after a light spray and "toothbrush" scrubbing. This prohibits corrosion from also returning in the future. After corrosion is removed and excess SS & STKS are wiped from the board, a microfilm layer will remain on the surface of the metals to virtually eliminate the long-term effects of electrolytic bridging.

Additional Features of SPRAY-SHIELD™ & STRIKE-SHIELD™:

SS & STKS contain Steel Shield EPA "ABF Technology"™, one of the leading anti-friction, metal-treating products. EPA is a blend of petroleum products containing no graphite, PTFE, silicones, moly or synthetics. The dielectric strength of SS & STKS is rated at 45 KV (45,000 volts).

SS & STKS are not an aerosol - they are packaged in convenient hand pump spray bottles and conforms to DOT and OSHA regulations. The adjustable nozzle allows you to provide an overall misting of lubrication or pinpoint just the areas you want with jet spray. You can also use SS & STKS with Air Pressurized Sprayer, which works as well as an aerosol, but utilizes compressed air.

Please see the attached page for a quick reference chart on the comparison of these products.

NOTE: The following disclaimer appeared on the WD-40 web site at the time of this writing: "The uses of WD-40 described on this Web site are provided to WD-40 Company by end-users of the product, and do not constitute recommendations or suggestions for use of WD-40 by WD-40 Company. These uses, including the 'Use of the Day', have not been tested by WD-40 Company. Consumers should exercise common sense whenever using WD-40. Always follow the instructions and take heed of any warnings printed on the WD-40 packaging."

WD-40 is a registered trademark of WD-40 Company, San Diego, California, U.S.A.

SPRAY-SHIELD™ & STRIKE-SHIELD™ COMPARED TO WD-40™

Feature or Benefit:	SS & STKS	WD-40
Loosens rusted parts	Within minutes	Within hours
Penetrates deep and fast	Immediately	Slowly
Keeps parts from freezing up	Long term	Short term
Protects metal against corrosion	Long term	Short term
Leaves a barrier film	Long term	Short term
Displaces moisture	Yes	Yes
Dries electrical equipment	Yes	Yes
Non-conductive	Yes (45,000V Dielectric)	Yes (Unknown)
Stops squeaks	Long term	Short term
Gummy residue	None	None
Long-lasting lubrication	Yes	No
Anti-wear properties	Yes	No
Extreme-pressure properties	Yes	No