

CORROSION[®]X

PRODUCT DATA SHEET

PHYSICAL CHARACTERISTICS

Color	Greenish Brown	Volume Solids	>92%
Appearance	Clear	Film Thickness	0.0004"
Odor	Fresh Scent	pH	NA
Specific Gravity @ 15.6°C	0.895	Vapor Pressure @ 38°C	>1mm Hg.
Viscosity, cSt @ 40°C	33.2	Solubility in Water	Slightly Emulsifiable
cSt @ 100°C	7.0	Boiling Point	>200°C
Flash Point c.o.c.	>132°C	Weight per Gallon	7.46 lbs.
		Coverage	Approx. 3,300 sq ft / gal

PERFORMANCE PROPERTIES

Corrosion Protection:	Salt Spray, hrs.	96*	ASTM B117
	(Film Thickness)	0.19 mils	
	Humidity Cabinet, hrs.	1320	ASTM D1748
Electrical:	Dielectric Strength	>39,000V typ.	ASTM D877
Lubrication:	Load Carrying Capacity	750 lbs.	ASTM 2625 Method B
	Anti-Wear	0.249 mm**	ASTM D4172
	Friction Coefficient	0.083	

*Sand blasted mild steel panel. 0 - <1% surface rust

**Note: The smaller the number, the better the performance. A standard lubricating oil of the same viscosity would yield a value of 1.0 - 1.2 mm.

COMPATIBILITY

Rubber: No visible effect on Nitrile / Buna-N, Viton[®] or Neoprene products. Slight swelling and/or softening of butyl rubber items.

Adhesives and Sealants: Usually no effect but some adhesives may soften and sealants with silicone may experience slight swelling. Recommend a small test sample prior to widespread application.

Painted Surfaces: Paints typically used on aircraft, automobiles and machinery are unaffected by CorrosionX. Polishes and some wax coatings may soften by the application of *any* hydrocarbon product.

Plastics / Composites: CorrosionX is compatible with most commonly-encountered plastics such as: acrylic, polyester, nylon, vinyl, Delrin[®]*, PTFE, Formica[®]**, polyethylene and polypropylene. Should there be any question when other types of plastics are involved, it is suggested a small sample be tested.

Fabrics: CorrosionX will be absorbed into the fibers of most fabrics, thereby creating slight staining. The stain is not permanent and may be removed with naphtha or mineral spirits.

Storage: Bulk: Store at room temperatures (50°F or more). Aerosols not more than 120°F.

Shelf Life: Bulk: Indefinite (as long as container remains capped). Aerosols: 3 years

*Registered trademark of E.I. Dupont de Nemours

** Registered trademark of Formica Corp

CORROSIONX^{HD}

HEAVY DUTY



For those really tough jobs, like those involving direct exposure to rain, snow or seawater, use CorrosionX Heavy Duty. It's a high-performance, thick-film version of CorrosionX providing maximum protection against serious rust and corrosion. There is simply no other product like it!

WHAT IT DOES

CorrosionX Heavy Duty forms a dripless, non-hardening, self-healing film that stubbornly resists removal – even by complete immersion in salt-water. CorrosionX Heavy Duty slowly penetrates existing rust and corrosion, removes moisture and then seals the moisture out.

Field & Stream magazine editor Bob Sterns, considers it a must for boat trailers:

“An annual coating of CorrosionX Heavy Duty will help protect the leaf springs from rusting. This coating will also help protect the trailer frame and ensure easy removal of nuts and bolts.”

HOW IT WORKS

Unlike wax coatings, its non-hardening film will not dry out, stiffen or crack. Under stress, it bends as the metal surface flexes or twists beneath it. It won't wash off even after being submerged in water for hours.

LONG-LASTING

CorrosionX Heavy Duty will still be there long after other products have disappeared. And, it will protect your equipment and save you money more effectively than anything else.

MORE GREAT CORROSIONX PRODUCTS

Starting with the core CorrosionX formula, we then applied specialized, advanced component technologies to optimize the product for these specific uses:

REELX

The ultimate lubricant for fishing reels and the choice of top reel manufacturers worldwide. ReelX provides the same corrosion protection as CorrosionX while keeping reels optimally lubricated for longer, smoother casts.

SPEEDX

SpeedX takes the science of lubrication to a whole new level! SpeedX chemically modifies metal and metal oxide wear surfaces whenever heat from friction is present. This modified surface is both very smooth and has an ultra-low coefficient of friction. SpeedX excels under heavy loads and high temperatures, so it's ideal for inline skates, skateboards, precision equipment and applications where any friction is too much.

CORROSIONX^{FOR GUNS}

Our customers asked for a special CorrosionX applicator for their firearms, and now they have it. CorrosionX for Guns comes in a 4 fl oz applicator-tip bottle that allows pinpoint treatment of specific lubrication points. It cuts through stubborn bore deposits for easier, more thorough cleaning, and it decreases fouling even after hundreds of rounds. The product outperforms and outlasts other lubricants, making it ideal for semiautomatics.



For more information about all the great products by Corrosion Technologies, please visit our website:
www.corrosionx.com

CORROSIONX[®]

Eliminates Rust & Corrosion
Lubricates and Penetrates



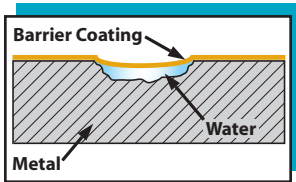
CORROSIONX®

The 'Can-Do' Can

STOPS RUST AND CORROSION FOR GOOD

In controlling rust and corrosion, the traditional approach has been to cover metal surfaces with a barrier coating such as paint, wax or oil. It's a good theory in principle (and until now, there weren't many other options), but there are major drawbacks. Barrier coatings can't do much besides keeping moisture off the metal surface thereby slowing the corrosion process – that's why they're called 'corrosion inhibitors'.

Unfortunately, moisture inevitably displaces or penetrates through barrier coatings – allowing water and oxygen to contact the metal surface that's supposedly being protected. Once this happens, barrier coatings tend to lock in moisture, and corrosion can grow unchecked.



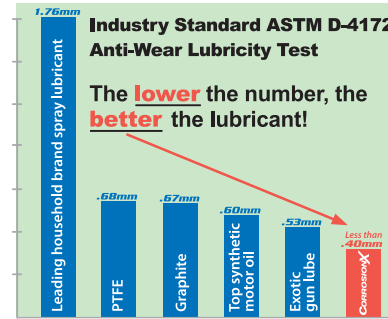
CorrosionX uses a revolutionary technology that causes the product to stick to metal almost like a magnet. This **Polar Bonding** technology puts CorrosionX's effectiveness light-years ahead of the competition. Because CorrosionX is attracted to metal, it displaces moisture and electrolytes that accelerate the corrosion process – even saltwater. It then leaves an ultra-thin, self-healing film that actively seals metal from the environment.

This unique ability makes CorrosionX more than just a 'corrosion inhibitor'; it's a true corrosion stopper.

With regular application, CorrosionX has proven to be unmatched in controlling corrosion even under the most extreme conditions.

LUBRICATES

Without adequate lubrication, surfaces grind together, which creates friction and results in wear. CorrosionX stays bonded in place so wear surfaces are separated by a super slick, self-healing Fluid Thin Film Coating (FTFC) that dramatically reduces friction and wear.



SOURCE: All data published on competitors' websites.

PENETRATES

The attraction between metal and CorrosionX is so strong that CorrosionX molecules 'leapfrog' each other in order to contact clean metal – defying gravity and penetrating through rust and corrosion. This is why CorrosionX penetrates faster and further than any other penetrant.

ELECTRONICS SAFE

CorrosionX won't short sensitive circuits or interfere with electrical connections. CorrosionX displaces moisture and existing corrosion, cleans contact points, and often improves connectivity – restoring electronics that have been damaged by environmental exposure.



THOUSANDS OF USES

Marine

- Power drives, engines, generators and A/C units
- Throttle cables and steering mechanisms
- Winches, furling systems, windlasses, cleats, hatches, stanchions, downriggers and all other deck hardware
- Battery terminals, wiring harnesses, circuit breakers and fuse holders
- Instrument and nav light connections, electrical panel and ignition switch
- Often restores electronic gear exposed to moisture, including electric motors, radios, radar and GPS

Industrial

- Bearings and bushings, pulleys, winches and rolling stock
- Air tools and power tools
- Stuck valves
- Wire rope and cable, including brake and throttle cables
- Electric motors, pumps, alternators and starters
- Switches, breaker and fuse holders

Household, Lawn & Garden

- Locks, hinges, door and window slides
- Tools
- Garage door openers, casters and tracks
- Fans
- A/C units

Automotive

- Unpainted metal parts
- Frame and body
- Lugs, nuts and bolts
- Battery terminals

Sporting Equipment

- Bearings
- Fishing reels
- Firearms and hunting gear