



Adhere, Clean and Protect

Give your customers long-lasting quality when you use the best adhesives for the job. Then, help them prolong the life of their fabrics with the best solutions in cleaners and protectants.

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212502

HH-66 Vinyl Cement

Easily and quickly applied, this cement provides a fast drying and exceptionally strong bond to all types of vinyl coated fabrics, vinyl laminated fabrics, plastics, metals, glass, wood and leather. It can also be used for sealing or waterproofing seams. One ounce provides one square foot of coverage. Shelflife is eighteen months.

Flammable. U.S. domestic ground shipping only.

 This product can expose you to Toluene, which is known to the state of California to cause birth defects or other reproductive harm.

Item #	Fabric	Put Up	Standard Package
212500	Vinyl Coated, Vinyl Laminated	8 oz. brushtop can	12
212502	Vinyl Coated, Vinyl Laminated	1 qt. brushtop can	12
212503	Vinyl Coated, Vinyl Laminated	1 gal. can	6
212504	Vinyl Coated, Vinyl Laminated	1 pt. brushtop can	12
212505	Vinyl Coated, Vinyl Laminated	4 oz. brushtop can	12




214326

HH-66 Thinner

Designed for use with HH-66 Vinyl Cement, this thinner removes unwanted HH-66 from surfaces and can be used to clean brushes, rollers and spray guns.

Flammable. U.S. domestic ground shipping only.

 This product can expose you to Toluene, which is known to the state of California to cause birth defects or other reproductive harm.

Item #	Put Up	Standard Package
214326	1 pt. can	1



212442

HAR Adhesive – 628 For Bonding Neoprene Coated Fabrics

A fast-drying, solvent based contact bond adhesive possessing unusually high strength and outstanding high and low temperature resistance in addition to excellent water, oil, grease, chemical and weather resistance. While primarily designed for bonding Neoprene, acrylic and canvas, this versatile adhesive may be used for bonding a wide variety of synthetic fabrics, rubber stocks, leather, rigid plastics, metals, wood, hardboard and many other porous and non-porous materials. Adhesive 628 applies easily with a brush, roller, trowel, or spray gun. One gallon covers approximately 250 to 300 square feet of surface area. Adhesive can be thinned with MEK or Acetone.

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

Item is drop ship only.

Item #	Put Up	Standard Package
212442	1 pt. brushtop can, 24 pack	1



212444

HAR Adhesive – 728 For Bonding Vinyl To Vinyl

A medium, fast-drying solvent-based synthetic resin adhesive designed primarily for bonding supported or unsupported vinyl fabric to itself or to various porous and non-porous materials. This cement is not recommended for laminates. (Adhesive 730 should be used for vinyl laminated fabrics.) Adhesive 728 may also be used for bonding polyurethane, canvas, synthetic fabrics, leather, metals, wood, glass, rigid plastics and some foams. Adhesive 728 applies easily with a brush, roller or spray gun. Adhesive 728 can be used on tarpaulins, awnings, tents, covers, drop cloths, liners, tops, textile bags and in truck and boat repair kits. One gallon covers approximately 250 to 300 square feet of surface area. Adhesive can be thinned with MEK or Acetone.

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

Items are drop ship only.

Item #	Put Up	Standard Package
212443	4 oz. brushtop can, 24 pack	1
212444	1 pt. brushtop can, 24 pack	1
212445	1 qt. can, 6 pack	1
212446	1 gal. can, 2 pack	1



212448

HAR Adhesive – 730 For Bonding Vinyl-Laminated Fabrics

A fast-drying, solvent-based synthetic resin adhesive primarily designed for bonding laminated vinyl fabrics. Adhesive 730 may also be used for bonding vinyl-coated fabrics, polyurethane coated fabrics, many synthetic fabrics, canvas, leather, wood, metals, glass and various other products. Adhesive 730 under normal conditions of use will not blister or delaminate laminated vinyl fabrics. Adhesive 730 dried films are tough, flexible, clear, colorless, glossy and non-tacky. Adhesive 730 films are resistant to water, fuels, oils, greases, plasticizers, chemicals and weathering. Adhesive 730 applies easily using a brush, roller or spray gun. The shelf life of Adhesive 730 exceeds one year under normal storage conditions.

Adhesive 730 can be used in the manufacture and repair of tarpaulins, covers, awnings, tents, tops, dropcloths, liners, textile bags, and in boat, truck and pool repair kits. Adhesive can be thinned with MEK or Acetone.

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

Items are drop ship only.

Item #	Put Up	Standard Package
212447	4 oz. brushtop can, 24 pack	1
212448	1 pt. brushtop can, 24 pack	1



212450

HAR Adhesive – 740 For Cotton Ducks

A quick-drying (1 hour) adhesive for bonding and repairing various cotton ducks. Apply to one surface only, using paddle or knife. Patch is flexible after drying; some absorption by fabric.

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

Items are drop ship only.

Item #	Put Up	Standard Package
212449	4 oz. brushtop can, 24 pack	1
212450	1 pt. brushtop can, 24 pack	1



212451

HAR Adhesive – 729 Vinyl Seam Sealer

A fast-drying solvent-based synthetic resin adhesive primarily designed for sealing stitched seams on vinyl-coated and laminated fabrics, and many other fabrics. Dried films of Adhesive 729 will show no tackiness up to temperatures over 140° F and will retain flexibility at very low temperatures. Adhesive 729 can be easily applied using a brush, roller or spray gun. One gallon covers approximately 250 to 300 sq. ft. of surface area. Adhesive can be thinned with MEK or Acetone.

Subject to special handling charge by shippers. ICC Shipping Classification: Adhesive Cements, NOIBN, flammable liquid.

Items are drop ship only.

Item #	Put Up	Standard Package
212451	4 oz. brushtop can, 24 pack	1
212452	1 qt. can, 6 pack	1



212006

Tear Mender

Mends instantly. Waterproof. Mends and repairs canvas, tarps, awnings, acrylic material, leather goods, work clothing, and any other material it can penetrate. UV resistant. Contains no harsh or harmful chemicals. Manufactured for a 2-year shelf life.

Tear Mender can be shipped via regular UPS – no hazardous handling fee required. Not shipped when temperatures are below freezing (32° F).

Item #	Style #	Put Up	Standard Package
212005	TM-1	2 oz.	12
212006	TG-6H	6 oz.	12
212007	TG-16	16 oz.	12
212012	TG-640	5 gal.	1

SKP® Super Kwik Patch Repair Tape



212051

Some items are drop ship only.

Item #	Color	Material	Put Up	Standard Package
212050	Black	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 5 ft. roll	1
212060	Black	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 75 ft. roll	1
212052	Blue	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 5 ft. roll	1
212062	Blue	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 75 ft. roll	1
212055	Gray	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 5 ft. roll	1
212065	Gray	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 75 ft. roll	1
212054	Green	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 5 ft. roll	1
212064	Green	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 75 ft. roll	1
212051	White	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 5 ft. roll	1
212061	White	14-oz. Coated Vinyl with Adhesive Backing	6 in. x 75 ft. roll	1

SKP® is a registered trademark of A&R Tarpaulins, Inc.

Tear-Aid® Patch Retail Kits



212043

Made from an exceptionally tough, matte finish, abrasion resistant, polyurethane elastomer that resists puncture and tearing. It is combined with an aggressive adhesive formulated for high bond strength to a variety of surfaces. Holds air, holds water, won’t pull off when stretched, see-thru patch, UV resistant, conforms to irregular surfaces, cuts easily with scissors, and won’t turn gummy in high heat.

Type A Repairs: Canvas, most fabrics, rubber, neoprene, most plastics, nylon, fiberglass, stainless steel, aluminum, polyethylene, polypropylene, polyurethane, non-oiled leather, Sunbrella®.

Type B Repairs: Vinyl and vinyl-coated materials. Has a new, unique adhesive that resists the oils in vinyl that cause other adhesives to fail.

Each patch kit contains: (1) 3” x 12” patch that cuts with scissors to any size, (1) 7/8” x 7/8” patch, (1) 1 3/8” x 1 3/8” patch, (1) 12” reinforcement filament for repairing tears at edges, (2) alcohol preparation pads, (1) illustrated instructions and a product repair list. Retail kits include display.

Item #	Description	Standard Package
212043	Type A Fabric	1
212044	Type B Vinyl	1

Tear-Aid® is a registered trademark of TEARepair Inc. Sunbrella® is a registered trademark of Glen Raven, Inc.



212020

Tear-Aid® Roll Patches

Repairing torn canvas, nylon, rubber, plastic or vinyl has never been easier with Tear-Aid Roll Patches. Clear, elastic Tear-Aid Roll Patches contain a high performance adhesive preapplied to a rugged backing that allows a tear to recover under pressure. No messy liquid adhesives are needed. All you do is peel and stick.

Tear-Aid Roll Patches are available in two styles – Type A and Type B. Type A is designed for the repair of canvas, nylon, rubber and plastic. Type A should not be used on vinyl or vinyl coated products, as the inherent oils in vinyl will cause the adhesive in Type A to fail prematurely. Type B has been designed specifically for the repair of vinyl or vinyl coated items only, as it contains special adhesives to resist the oils in vinyl that would otherwise cause premature failure.

Tear-Aid Roll Patches also have excellent durability against puncture, moisture, saltwater, sunlight and temperature. Convenient 30 foot rolls, in versatile widths of 3 inch or 6 inch, allow patches to be custom-cut and overlapped for unlimited size and unlimited repair applications, from boat tops, covers and seats, to canvas and vinyl tents and tarpaulins, to awnings, banners and umbrellas.

Item #	Description	Size	Standard Package
212020	Type A Fabric	3 in. x 30 ft.	1
212021	Type B Vinyl	3 in. x 30 ft.	1

Tear-Aid® is a registered trademark of TEARepair Inc.

AlbaChem® Headliner Adhesive



230113

AlbaChem Headliner Adhesive is the ultimate adhesive solution for a variety of applications. Engineered to withstand high temperatures, this adhesive is perfect for trim work, headliners, and door panels. Crafted specifically for decorative laminate work in furniture, cabinet, and woodwork, its waterproof properties make it ideal for numerous marine applications, carpet installation, insulation adherence, and automotive uses.

Domestic Ground shipping only (excluding Alaska and Hawaii). Ground service to Canada permitted.

Item #	Style	Put Up	Standard Package
230113	1875	12 oz. spray can	1

AlbaChem® is a registered trademark of Albatross U.S.A. Inc.

AlbaChem® Super 88 Pressure Adhesive

AlbaChem 88 Adhesive is a powerful, all-purpose pressure adhesive. Great for bonding labels, polyurethane foam, fabrics, and many other substrates. Super 88 Adhesive features a super strong tack, contains no methyl chloride, and does not stain. This spray adhesive bonds with cloth, wood, foam, film, plastic, cardboard, and more.

Domestic Ground shipping only (excluding Alaska and Hawaii). Ground service to Canada permitted..

Item #	Style	Put Up	Standard Package
230114	1088	13 oz. spray can	1

AlbaChem® is a registered trademark of Albatross U.S.A. Inc.

AlbaChem® Dri-Web Foam Adhesive



230111

AlbaChem Dri-Web Foam Adhesive is a special-purpose adhesive spray designed specifically for the upholstery, bedding, and furniture industries. Its unique webbing spray pattern provides an instant grab while remaining repositionable, ensuring precision during application. Once dry, the foam is securely bonded to the other surface, offering a much greater tack than mist adhesive sprays.

Dri-Web Foam Adhesive is clear (non-staining) and will not soak through fabrics. This non-chlorinated spray foam from AlbaChem is your precision solution for durable bonding.

Domestic Ground shipping only (excluding Alaska and Hawaii). Ground service to Canada permitted.

Item #	Style	Put Up	Standard Package
230111	1075	12 oz. spray can	1

AlbaChem® is a registered trademark of Albatross U.S.A. Inc.

210® Plastic Cleaner And Polish



214309

Removes marks such as crayons, magic markers and paint over-spray. Cleaning is quick and easy, as 210 doesn’t leave streaks or swirl marks. It provides an anti-static/anti-fog coating and seals pores in plastic for a protective coating that makes future cleaning easier. Gives plastic a clear, lustrous look and has a pleasant aroma. Use on a wide variety of surfaces including plastic, acrylic, formica, fiberglass, polycarbonate, PVC, polyester, vinyl and many others.

Item #	Put Up	Standard Package
214309	14 oz. spray can	1

210® is a registered trademark of Camco Manufacturing.



214242

Sunbrella® Clean™ Multi-Purpose Fabric Cleaner

Sunbrella Clean Multi-Purpose Fabric Cleaner powers through spills and stains to safely clean and brighten ALL Sunbrella fabrics. Remove everyday dirt and grime including food, drinks, pet messes, and more! Sunbrella Clean Multi-Purpose Fabric Cleaner is safe to use on all Sunbrella fabrics and vinyl and wipes away with no sticky or cloudy residue behind. Consider this effective, non-PFAS cleaner option, with a formula that meets the state of California’s Treatments Containing PFASs for use on Converted Textiles or Leathers. Made for use on water-safe fabrics but spot tests are always recommended for non-Sunbrella fabrics.

Item #	Put Up	Standard Package
214242	16 oz. trigger sprayer	12
214243	32 oz. trigger sprayer	12

Sunbrella® is a registered trademark and Clean™ is a trademark of Glen Raven, Inc



214240

Sunbrella® Extract™ Oil Based Stain Remover

Sunbrella Extract Oil Based Stain Remover draws out the toughest, most set-in grease and oil-based stains for quick and easy removal. Specially formulated to penetrate the fiber of the fabric, Sunbrella Extract targets stain particles, capturing and lifting the debris. Once applied, Sunbrella Extract dries into a powder that is easily removed with a vacuum. This Sunbrella tested, Sunbrella approved formula meets the state of California’s Treatments Containing PFASs for Use on Converted Textiles or Leathers.

Sunbrella Extract can only be shipped ground.

Item #	Put Up	Standard Package
214240	5 oz. spray can	12
214241	9.6 oz. spray can	12

Sunbrella® is a registered trademark and Extract™ is a trademark of Glen Raven, Inc.



214244

Sunbrella® Restore™ Fabric Protector & Repellant

Sunbrella Restore Fabric Protector & Repellent adds an invisible layer of protection to your Sunbrella outdoor fabrics, restoring water repellency, and reducing drying time. The unique, non-PFAS formula provides added protection against the elements and water-based spills without impacting the look or feel of your outdoor fabrics, keeping them looking like new for many years to come. Specifically formulated to treat water-safe Sunbrella fabrics, Sunbrella Restore is ideal for protecting upholstery, cushions, umbrellas, fabric awnings, boat covers, Bimini tops, canvas, and other fabrics. One (1) 16-oz bottle of Sunbrella Restore will cover between 40-75 square feet on average.

Sunbrella Restore can only be shipped ground.

Item #	Put Up	Standard Package
214244	16 oz. trigger sprayer	12
214245	32 oz. trigger sprayer	12

Sunbrella® is a registered trademark and Restore™ is a trademark of Glen Raven, Inc.

303® Aerospace Protectant™

Regular use of 303 Aerospace Protectant offers 100% prevention of UV-caused slow-fade. No other protectant beautifies as intensely, protects as powerfully or lasts as long. Keeps UV-sensitive materials “like new” year after year. Use on patio furniture accessories, vehicles, sports equipment and more.

Apply only on clean surfaces and for best results use with 303 Multi-Surface Cleaner. To catch overspray, place a drop cloth under or around the surface to be treated. Do not apply in direct sunlight. Spray surface with Aerospace Protectant and wipe completely dry. If streaking occurs, too much product has been applied. Use a wet towel to remove excess, immediately wipe completely dry.

This product does not air dry. Extra buffing with a dry cloth increases bonding, repellency and longevity. Apply every three to five weeks for maximum UV protection.

Item #	Style #	Put Up	Standard Package
214091	30340	16 oz. trigger sprayer	6
214092	30313	1 qt. refill	6
214093	30320	1 gal. refill	4

303® is a registered trademark of Gold Eagle, Inc.

303® Multi-Surface Cleaner™

303 Multi-Surface Cleaner is designed for marine canvas, fabric convertible tops, awnings, indoor and outdoor furniture, carpet and upholstery. It safely removes even the most difficult stains. Rinses residue free. No foam, no fumes, no odor.

To apply, spray directly on spot until wet. Agitate with a soft brush or wet cloth. Using a damp cloth, wipe up stain and excess cleaner, rinsing out the cloth in clean water as necessary. Let surface dry. For heavier soils, increase agitation and soak time. Repeat if necessary.

303 products should not be used on Strataglass™, PanoramaFR or CrystalClear clear vinyl.

Item #	Style #	Put Up	Standard Package
214078	30501	2 oz. pump sprayer	16
214080	30207	32 oz. trigger sprayer	6
214116	30570	1 gal.	8

303® is a registered trademark of Gold Eagle, Inc. Strataglass™ is a trademark of Strataglass, LLC.

303® Clear Vinyl Protective Cleaner

303 Clear Vinyl Protective Cleaner, an ammonia- and alcohol-free product, is ideal for cleaning and protecting clear vinyl. Streak-free, it cleans and protects against cracking and yellowing.

303 products should not be used on Strataglass™, PanoramaFR or CrystalClear clear vinyl.

Item #	Style #	Put Up	Standard Package
214349	30215	32 oz. trigger sprayer	6

303® is a registered trademark of Gold Eagle, Inc.

303® Fabric Guard

303 Fabric Guard is a non-PFAS product for re-treatment of Sunbrella® awning, marine, and casual furniture fabric.

The water-repellent spray is powerful enough to protect fabrics in the toughest outdoor environments, yet safe enough for the finest fabrics, wool, silk, and fine leathers. On outdoor fabrics, 303 Fabric Guard restores lost water repellency and stain resistance to factory-new levels. The protectant prevents leaks, shields against soiling on both water- and oil-based stains, hinders mildew formation, and defends against the sun’s harmful UV rays.

Apply to fabric with temperature above 70°F/21°C (for best results, apply in full sun). Treated fabric must be protected from moisture until completely cured (12-24 hours depending on temperature). Fabric Guard my need reapplication depending on the fabric exposure to sunlight and weather conditions. Coverage is 40 to 75 sq. ft depending on the fabric and the application method. (coverage is reduced when applied with paint roller or brush)

Item #	Put Up	Standard Package
213891	1 gal. refill	4
213892	16 oz. trigger sprayer	6
213893	32 oz. trigger sprayer	6

303® is a registered trademark of Gold Eagle, Inc.



213980

IMAR™ #301 Strataglass™ Protective Cleaner

Uniquely formulated to clean, shine and protect Strataglass, PanoramaFR and CrystalClear clear vinyl and its scratch-resistant protective coating. Special UV inhibitors significantly extend the useful life of Strataglass clear vinyl by minimizing the deteriorating effects of sunlight. This helps defeat age-induced brittleness and promotes continued flexibility. Safe to use daily and is recommended to be used often to properly maintain the clarity of Strataglass clear vinyl. Helps rejuvenate the protective properties of IMAR Strataglass Protective Polish #302, which should be used on a less frequent but regular schedule. Use of any cleaner or polish product other than IMAR Strataglass Protective Cleaner and Polish voids the factory warranty.

IMAR #301 Strataglass Protective Cleaner is endorsed by Strataglass, Inc. for Strataglass, PanoramaFR or CrystalClear.

Item #	Style #	Put Up	Standard Package
213980	301	4 oz. spray bottle	24
213981	301	16 oz. spray bottle	12
213983	301	1 gal. bottle	4

IMAR™ is trademark of IMAR Products, LLC. Strataglass™ is a trademark of Strataglass, Inc.



213973

IMAR™ #603 Stamoid® Marine Vinyl Cleaner

Specially formulated to gently but thoroughly clean Stamoid and other marine vinyls. It will not harm clear vinyls such as Strataglass™, when used according to the instructions. Frequent use is recommended, particularly in areas of high environmental pollutants. Application of IMAR Stamoid Marine Vinyl Protective Cream and IMAR Stamoid Marine Vinyl Protective Spray between cleanings will assure the continued like-new appearance of vinyl products.

Item #	Style #	Put Up	Standard Package
213973	603	16 oz. bottle	12

IMAR™ is a trademark of IMAR Products, LLC. Stamoid® is a registered trademark of The Serge Ferrari Group. Strataglass™ is a trademark of Strataglass, LLC.



214191

IOSSO® Mold and Mildew Stain Remover

Removes mold, mildew, algae stain, tough dirt, oils, leaf stains, tree sap, bird droppings, food stains, and blood stains. Recommended for use on awnings, canopies, tents, patio furniture, cushions, umbrellas, spa covers, tarps, boat covers, camping gear, vinyl, plastic and fiberglass. It is gentle to skin and has no harmful vapors. Just add water to the biodegradable, non-chlorine powder and work the solution into the soiled area. One gallon covers up to 150 square feet. The 12 ounce jar makes three gallons of solution. The 65 ounce pail mixes up 16 gallons of solution.

Item #	Style #	Put Up	Standard Package
214190	10900	12 oz.	6
214191	10905	65 oz.	4

IOSSO® is a registered trademark of IOSSO Products, Inc.



213985

IMAR™ #302 Strataglass™ Protective Polish

A polymer-based product formulated to safely clean, polish and protect Strataglass and CrystalClear clear vinyl and its scratch-resistant protective coating. Designed with a unique molecular bonding that creates a nearly invincible protective barrier against the damaging effects of marine environment pollutants. Recommended for use every 2 to 3 months and every 4 to 6 weeks in areas of high fallout. Frequent use of IMAR Strataglass Protective Cleaner #301 between polishing will increase protection by rejuvenating the protective qualities of IMAR Strataglass Protective Polish.

Item #	Style #	Put Up	Standard Package
213984	302	4 oz. spray bottle	24
213985	302	16 oz. bottle	12

IMAR™ is trademark of IMAR Products, LLC. Strataglass™ is a trademark of Strataglass, Inc.



214199

IOSSO® E-Z Snap Lubricant

For snaps, zippers, hinges and hardware. Lubricates, waterproofs and reduces friction. It keeps snaps from corroding and locking up. It keeps zippers free flowing. E-Z Snap will not rinse away or dissipate in hot weather. The formula is non-hazardous and does not contain solvents, silicone or Teflon®. Great on boat covers, tents and campers.

Item #	Style #	Put Up	Standard Package
214199	10909	1.5 oz.	24

IOSSO® is a registered trademark of IOSSO Products, Inc. Teflon® is a registered trademark of E. I. DuPont Nemours and Company.



230110

Sprayway® Silicone Spray

Sprayway Spray Silicone is the ultimate heat-stable silicone release agent for embroidery and sewing machines operating at any speed or temperature. Regular use eases machine movement, slows corrosion, and lubricates to prevent sticking and binding, providing a seamless experience for sewing trades. This colorless, non-staining, waxless silicone spray is unaffected by temperatures ranging from -40 degrees F to over 392 degrees F, making it ideal for various applications.

Other applications include preventing the adhesion of urethane foam backings, foam rubber, and other nonsliding materials used in furniture or automotive upholstery. It also prevents the adhesion of glue to equipment, sticking problems in plastic and rubber molding, while helping to fight rust on tools and equipment.

Item #	Style #	Put Up	Standard Package
230110	946	11 oz. spray can	1

Sprayway® is a registered trademark of PLZ Corp.



214324

Ultra Tef-Gel®

The function of Tef-Gel in eliminating dissimilar metal corrosion is the elimination of electrolytes from entering the interface of the metallic surfaces. Tef-Gel paste contains 40% PTFE powder and 0% volatile solvents, no silicones or petroleum solvents to evaporate, which would leave voids for electrolytes to be drawn into creating a galvanic cell. When both surfaces are coated and mated with Tef-Gel there are no voids for electrolytes (saltwater) to be drawn in by capillary action over extended periods of time.

Thread galling is a common, yet seldom understood problem with threaded fasteners. Galling, often referred to as a cold-welding process, can occur when the surfaces of male and female threads are placed under heavy pressure.

Stainless steel fasteners are particularly susceptible to thread galling, although it also occurs in other alloys that self-generate an oxide surface film, such as aluminum and titanium. During the tightening of the fastener, pressure builds between the contacting thread surfaces and breaks down the protective oxide coatings. With the absence of the oxide coating, the metal high points of the threads are exposed to one another, which increases friction. The combination of these two events can generate enough heat to fuse and seize the nut and bolt together.

Galling can be minimized with the following measures:

Thread lubrication is one of the most effective measures to decrease the potential for galling. The lubricant reduces friction, which is a key element in thread galling.

There are some outstanding PTFE based coatings that can be applied to stainless steel fasteners. They are able to drastically reduce the frictional coefficient.

Item #	Style #	Put Up	Standard Package
214324	TG-04	4 oz. tub	1

Tef-Gel® is a registered trademark of Ultra Safety Systems, Inc.