

The P-80[®] Family of Lubricants

Temporary Lubrication for Easy Assembly of Parts



International Products

C O R P O R A T I O N

609-386-8770 • www.ipcol.com

P-80[®]

TEMPORARY ASSEMBLY LUBRICANTS

Ease Installation and Increase Output with P-80[®] Temporary Assembly Lubricants

A product's components must fit tightly in order to function properly. Low tolerance parts require great exertion for installation, often resulting in damaged parts and injured workers. P-80 solves this problem by providing temporary lubrication that eases assembly operations. Originally designed for use in porous rubber applications, P-80 products are now used in many different types of assembly applications.

Compatibility & Safety

P-80 lubricants are safe to use on most natural and synthetic elastomers, metals, plastics, and other materials. P-80 products are water-based, and do not contain alcohol or petroleum distillates, so they will not cause rubber to dry out or harden. P-80 products are non-toxic, non-flammable, easy to dispose of, and contain negligible VOCs.

Industries Served:

- **Agricultural equipment**
- **Aircraft**
- **Appliance**
- **Automotive**
- **Construction equipment**
- **Locomotive**
- **Marine**
- **Pump**
- **Recreational equipment and vehicles**
- **Tool assembly**

P-80® Temporary Assembly Lubricants

Industrial Products

P-80® Rubber Lubricant Emulsion & P-80® THIX Rubber Lubricant Gel

P-80 Emulsion and P-80 THIX are synergistic blends of synthetic esters and water. They are ideal for use in easing the assembly of o-rings, hoses, grommets, bushings, and other rubber and soft plastic parts. They can be applied by manual or automatic means. P-80 Emulsion has a milky consistency, and typical viscosity of about 110 cps. P-80 THIX Gel is a thixotropic formula with a viscosity of about 10,000 cps. P-80 THIX remains where it is applied, without dripping, so it is especially useful in overhead and vertical applications.



P-80® Grip-It Quick-Drying Temporary Lubricant

P-80 Grip-It is a water-based mixture of surfactants and polymers, which combine to ease rubber assembly operations then dry quickly to allow the natural tight fit of rubber to return. P-80 Grip-It does not contain an adhesive, yet when dry it provides resistance, which helps keep parts in place. P-80 Grip-It is ideal for insertion of hoses that are pressure-tested immediately after assembly, and in any application that requires a fast-drying lubricant.



Incidental Food Contact Products

P-80® Emulsion IFC & P-80® THIX IFC

P-80 Emulsion IFC and P-80 THIX IFC have the same lubricating properties as regular P-80 Emulsion and P-80 THIX, but are formulated for use on parts that may come into contact with food. Typical applications include assembly of appliances, pumps, and food-processing equipment. P-80 IFC Temporary Rubber Lubricants are registered with NSF for use in USDA H1 applications and meet FDA regulation 21 CFR 178.3570, which controls lubricants in contact with food surface areas.



Use P-80® Lubricants to install:

- Belts
- Boots
- Bumpers
- Bushings
- Diaphragms
- Grips
- Grommets
- Hoses
- Insulators
- Mounts
- O-rings
- Plugs
- Rubber moldings
- Seals
- Sleeves
- Tires
- Washers

COMMENTS FROM SATISFIED P-80® CUSTOMERS

"...motor mounts slide in place easily, without gouging or tearing..."
(auto manufacturer)

"...o-rings don't hang up anymore when we install them on hydraulic pistons..."
(pump manufacturer)

"...high-pressure hoses slip onto their fittings and stay there..."
(air conditioner manufacturer)

"...appearance is important for our product. Since using P-80 in our assembly operations we have less clean-up problems..."
(refrigerator manufacturer)

"...since we've begun using P-80 on hand-grips, musculoskeletal injuries have been virtually eliminated..."
(tool manufacturer)

Also from International Products Corporation:

Precision Cleaners for Industrial and Critical Cleaning Applications

IPC offers powerful, environmentally friendly aqueous cleaners formulated for use in a wide variety of manufacturing, laboratory, and filter membrane cleaning applications. The free-rinsing cleaners provide fast-acting removal of most soils and are registered with NSF (A1) for use in food-processing applications. They are designed for use in ultrasonic, CIP, machine, and immersion applications. Typical dilution rates are 0.5 to 2.0%.

MICRO-90® CONCENTRATED CLEANING SOLUTION

A mild, yet powerful alkaline cleaner, designed for use in ultrasonic baths, manual washes, and immersion applications. This unique formula of chelants, ionic and non-ionic ingredients removes nearly every type of contaminant from almost any surface. Outstanding for use on ceramics, stainless steel, labware, filter membranes, and manufacturing equipment. (Typical pH 9.5)

LF2100® LIQUID LOW-FOAM CLEANER

Specially blended to deliver high-performance cleaning in automatic washing machines, spray systems, and other high-agitation applications. This blend of chelants, anionic, nonionic, and amphoteric ingredients removes a wide range of soils from metal, labware, plastic, glass, concrete, filter membranes and most other surfaces. (Typical pH 9.7)

MICRO® A07 CITRIC ACID CLEANER

A powerful blend of anionic surfactants and chelating citric acid, designed to remove milkstone, hard water scale, rust, mineral deposits, and other inorganic soils from filter membranes, labware, and industrial equipment. Micro-A07 is biodegradable, phosphate free, and non-corrosive. Designed for use in mild-agitation applications including ultrasonic baths. (Typical pH 2.5)

SURFACE-CLEANSE/930® CONCENTRATED NEUTRAL CLEANER

A non-ionic, low-sodium detergent for meticulous cleaning of delicate metals such as aluminum and zinc. Also used on electronic components. Contains no chelants, so it won't bind with heavy metals in wastewater. Formulated for use in ultrasonic baths, immersion, and manual applications. (Typical pH 7.0 @ 2% w/w)

ZYMIT® LOW-FOAM ENZYME CLEANER

A synergistic dual-enzyme and detergent formula that removes protein- and starch-based soils. Used to clean diagnostic and surgical instruments, labware, photographic film equipment, hospital and daycare furnishings, and many other surfaces. Target soils include food, grass, blood, fat, sweat, mucous, tissue, feces, and sebum. Suitable for high-agitation washers, ultrasonic baths, and manual applications. (Typical pH 7.7)

ZYMIT® PRO ENZYME CLEANER

A unique blend of protease enzymes, detergents, and builders that work together to achieve broad cleaning powers. The enzymes dissolve soils and the detergents wash them away. Designed to remove protein-based soils such as gelatin, food debris and biological debris. An effective filter membrane cleaner, especially when used in tandem with Micro-A07 or Micro-90. (Typical pH 7.7)



Company Profile

Founded in 1923, International Products Corporation (IPC) specializes in the manufacture and distribution of environmentally-friendly temporary assembly lubricants and precision cleaners. The company is headquartered in Burlington, NJ, where all products are manufactured. They are conveniently located near rail, air, and sea transportation for fast shipment. Most orders are shipped within one business day. IPC offers worldwide service from multiple global distributors, and is dedicated to delivering safe, high-quality products to our customers. An in-house lab is available for consultation on your assembly and cleaning processes. IPC is an ISO-Certified company.



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