



P-80[®] EMULSION IFC

TEMPORARY RUBBER ASSEMBLY LUBRICANT

FEATURES & BENEFITS:

P-80[®] Emulsion Temporary Assembly Lubricant for Incidental Food Contact (IFC) is a biodegradable temporary assembly lubricant that eases installation of tight-fitting rubber and plastic parts by reducing the force needed for assembly. Once assembly is complete, the lubricant dries, resulting in a secure assembly.

- Avoid musculoskeletal and slippage related injuries
- Increase production rates
- Achieve closer fits
- Reduce part rejects
- Improve product performance
- Reduce installation forces
- Biodegradable
- Non-flammable, non-toxic, non-corrosive

RECOMMENDED USES:

P-80[®] Emulsion IFC Temporary Assembly Lubricant is used to install pump seals, hoses, O-rings, bushings, gaskets, grommets, grips, and many other rubber and plastic parts in incidental food contact applications. Ideal for the assembly and maintenance of appliances, food and beverage equipment, and pumps.

HOW TO APPLY:

P-80[®] Emulsion IFC can be applied using automated systems or manually by dip, brush, sponge, or spray techniques.

Description	Food-grade synthetic esters emulsified in water
Appearance	Milky white to beige
Odor	Mild
Viscosity, cps @ 25°C	150
Estimated minimum dry time	1 hour
Biodegradable	Yes
Sprayable?	Yes
% Reduction in friction	~70%
pH	8.7

Freezing point °C	0.0
Flash point	None
Storage temperature °C	2° – 30°
Specific gravity	0.98
Environmental compliance	FDA 21 CFR 178.3570; NSF-Registered H1 lubricant; Complies with RoHS and REACH (SVHC: none). Cobalt-free; Conflict mineral-free
Prop 65	Exempt
% VOC by Volume:	1%

TECHNICAL DATA SHEET

INTERNATIONAL PRODUCTS CORPORATION
 US HEADQUARTERS: 201 Connecticut Drive, Burlington, NJ 08016 USA • (609) 386-8770

SDS: <https://www.ipcol.com/wp-content/uploads/P-80-Emulsion-IFC-United-States-English-SDS.pdf>
 Instruction Booklet: https://www.ipcol.com/wp-content/uploads/P80SOP_3PG.pdf
 Lubricant Selection Guide: <https://www.ipcol.com/wp-content/uploads/P80FLYER.pdf>

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HANDLING:

Before dispensing P-80® Emulsion IFC from drums, mix with a clean recirculation pump or folding propeller mixer for 5 minutes to ensure a homogenous mixture is drawn off. If a hold tank is used, agitate the lubricant before it is fed to assembly equipment. Smaller containers should be shaken or stirred prior to use. Never use air agitation. Bubbling compressed air through P-80® lubricants may cause separation or spoilage. Do not mix P-80® Emulsion IFC with other chemicals. Do not dilute with water. Store P-80® Emulsion IFC in a sealed container when not in use. Do not pour dispensed product back into the original container. Use at room temperature.

STORAGE:

Do not freeze. P-80® Emulsion IFC should be stored at temperatures between 2° – 30°C (36° – 86°F) in the original sealed container. Do not store outdoors in direct sunlight during warm weather. The shelf life of P-80® Emulsion IFC is 2 years from the manufacturing date.

SEWAGE DISPOSAL:

Contents may be disposed of according to local, state and federal regulations. Completely emptied packages can be recycled.

P-80® EMULSION IFC SIZES AVAILABLE

P-040T-100	P-0400-09	P-0410-12	P-0415	P-0419
10 mL tube (100 per case)	225 mL container (9 per case)	1 liter container (12 per case)	19.5 kg net wt. container	200 kg net wt. plastic drum

*Spray tops available separately to fit
1-Liter and 225 mL bottles*