



P-80[®] EMULSION

TEMPORARY RUBBER ASSEMBLY LUBRICANT

FEATURES & BENEFITS:

P-80[®] Emulsion Temporary Rubber Assembly Lubricant is a water-based product, specially formulated to provide temporary lubrication that makes rubber easy to install, remove, or otherwise manipulate. P-80[®] Emulsion provides a high degree of lubricity when wet, but because it does not contain silicone or other persistent ingredients, once dry, the slipping action goes away. P-80[®] Emulsion is compatible with most metals, plastics, and natural and synthetic elastomers.

- 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 Temporary Rubber Assembly Lubricant is used to install hoses, tires, O-rings, seals, bushings, gaskets, grommets, grips, and many other rubber and plastic parts.

HOW TO APPLY:

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

Description	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	8.4
Freezing point °C	0.0
Flash point	None
Storage temperature °C	2° – 30°
Specific gravity	0.98
Environmental compliance	Complies with RoHS and REACH (SVHC: none). Cobalt-free; Conflict mineral-free
Prop 65	Exempt
% VOC by Volume:	0.7%

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-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 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 with other chemicals. Do not dilute with water. Store P-80[®] Emulsion 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 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 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 SIZES AVAILABLE

P-5311-100	10 mL tube (100 per case)
P-5318	112 mL bottles (136 per case)
P-5391-06	475 mL container (6 per case)
P-5391-06-SPR	475 mL container w/ spray tops (6 per case)
P-5391-12	475 mL container (12 per case)
P-5391-12-SPR	475 mL container w/ spray tops (12 per case)

P-5321-12	1 liter container (12 per case)
P-5322-04	4 liter container (4 per case)
P-5394	19.0 kg net wt. container
P-5396	200 kg net wt. plastic drum
P-5398	1,000 kg net wt. plastic tote

*Spray tops available separately to fit
1-Liter and 475 mL bottles*



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