



# International Products

C O R P O R A T I O N

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## Storage & Handling Procedures for P-80<sup>®</sup> Temporary Rubber Assembly Lubricants

**P-80<sup>®</sup> Emulsion**  
**P-80<sup>®</sup> THIX**

**P-80<sup>®</sup> Grip-it**  
**P-80<sup>®</sup> RediLube**

**P-80<sup>®</sup> Emulsion IFC**  
**P-80<sup>®</sup> THIX IFC**

1. P-80<sup>®</sup> lubricants should be stored at temperatures between 2° – 30°C (36° – 86°F). Do not allow lubricants to freeze. Do not store outdoors in direct sunlight during warm weather. When stored as directed, in the original sealed container, the shelf life of P-80 lubricants is one year from the date of manufacture.
2. For proper inventory control, it is best to use oldest material first. Each container has a lot number that gives the date (yymmdd) that the material was produced. For instance, lot number 091105 was produced in 2009 (09), during November (11), on the fifth day (05). If your plant personnel know this dating system, they can avoid using new material while older stock is available.
3. Before dispensing P-80 Emulsion and P-80 Emulsion IFC from drums, stir with a mixing recirculation pump or folding propeller mixer for 5 to 10 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 on any P-80 product. Bubbling compressed air through P-80 lubricants may introduce bacteria that can overpower the products' preservatives and cause them to separate or spoil.
4. Store P-80 lubricants in a sealed container when not in use. Do not pour dispensed product back into the original container.
5. P-80 Emulsion IFC and P-80 THIX IFC meet the requirements of 21 CFR 178.3570, which controls lubricants for incidental food contact. Use the minimum amount of lubricant needed to lubricate part. Apply it in a way that minimizes food contact.
6. All equipment and storage tanks, including transfer lines, containers, reservoirs, mixers, and pumps in contact with P-80 lubricants should be cleaned every 4 to 8 weeks using a mild detergent such as International Products' LF2100<sup>®</sup> Liquid Low-Foam Cleaner or Micro-90<sup>®</sup> Concentrated Cleaning Solution. Rinse with potable water. Samples of each cleaner are available from International Products Corporation. Follow cleaning with a sanitizer rinse. This procedure is particularly important in hot or dirty work areas.
7. Excess P-80 can be easily washed away with soap and water.
8. For safety details, please refer to the appropriate Material Safety Data Sheet.

### **For Sales and Service in Europe**

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# P-80<sup>®</sup> Temporary Rubber Assembly Lubricant Specifications

P-80 Lubricants reduce the force needed to assemble tight-fitting rubber and soft plastic parts. Decreased friction during assembly leads to less damaged parts and less worker injuries. P-80 lubricants are offered in a variety of formulas, all of which can be used in dip, brush or spray applications.

## IDEAL FOR THE ASSEMBLY OF:

- Belts
- Boots
- Bumpers
- Bushings
- Fasteners
- Gaskets
- Grips
- Grommets
- Hoses
- Insulators
- Molding
- O-Rings
- Plugs
- Seals
- Sleeves
- Threaded Connectors
- Tires
- Tubing
- Washers
- Window & Door Seals
- Wire Harnesses
- Other Rubber & Plastic Parts

	INDUSTRIAL LUBRICANTS				INCIDENTAL FOOD CONTACT LUBRICANTS	
	P-80 <sup>®</sup> EMULSION	P-80 <sup>®</sup> THIX	P-80 <sup>®</sup> GRIP-IT	P-80 <sup>®</sup> REDILUBE	P-80 <sup>®</sup> EMULSION (IFC)	P-80 <sup>®</sup> THIX (IFC)
P-80 Description	Provides a thin film of lubrication.	Gel formula that stays where it is applied and is ideal for overhead or vertical applications.	Dries quickly with slight tackiness to help parts stay in place.	Lubricates well but dries quickly and completely.	Provides a thin film of lubrication for use in incidental food applications.	Gel formula for use in incidental food applications.
Viscosity, cps @ 25° C	150	12,000	20	20	150	15,000
Biodegradable	Yes	Yes	No	Yes	Yes	Yes
Reduction of Friction	~70%	~70%	~40%	~55%	~70%	~70%
Estimated minimum dry time	1 hour	2 hours	20 minutes	20 minutes	1 hour	2 hours
pH (neat)	7.5 to 9.5	7.5 to 9.5	9.8 to 11.3	7.5 to 9.5	7.5 to 9.5	7.5 to 9.0
Appearance	Milky white to beige	White to beige gel	Clear, colorless	Milky white to light yellow	Milky white to beige	White to beige gel