

## International Products Corporation

**P-80<sup>®</sup> Rubber Lubricant Emulsion**

## Temporary Rubber Assembly Lubricant

**1. IDENTIFICATION**

**Product Identifier:** P-80<sup>®</sup> RUBBER LUBRICANT EMULSION  
Temporary Rubber Assembly Lubricant

**CAS Number:** Not applicable to mixtures

**EC Number:** Not applicable to mixtures

**REACH Registration Number:** Not applicable to mixtures

**Chemical Formula:** Not applicable to mixtures

**Relevant Identified Uses:** Provides temporary lubrication to aid assembly of rubber and plastic components.

**Manufacturer / Supplier:**

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**EU Distributor:**

International Products Corp.

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**Emergency Phone Number:** 24-Hour CHEMTREC Telephone

(800) 424-9300 (USA and Canada)

(703) 527-3887 (Calls from outside the USA)

**2. HAZARD(S) IDENTIFICATION****Classification of the Substance or Mixture:**

Not classified; Not a dangerous mixture according to GHS.

**Risk Phrases:** None

**Label Elements:**

**Trade Name:** P-80<sup>®</sup> RUBBER LUBRICANT EMULSION

**Signal Word:** None

**Pictogram:** None

**Hazard Statements:** None

**Precautionary Statements:**

P302+350: IF ON SKIN: Gently wash with soap and water.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Other Hazards:**

- P-80 EMULSION is a non-hazardous product. P-80 is not a dangerous preparation according to 1999/45/EC.
- P-80 EMULSION should be used in a clean work environment.
- Bacterial contamination can occur by repeatedly subjecting P-80 EMULSION to dirty environments or combining used P-80 EMULSION with fresh P-80 EMULSION.
- Bubbling compressed air through P-80 EMULSION may cause bacterial contamination.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Synonyms:** None

**Molecular Weight:** Not applicable to mixtures

Ingredient	CAS No.	EC No.	Index No.	Range
Plant-derived oils	Mixture	Not Classified		10 – 20%

Oils are listed in Annex IV as exempt from REACH.

**4. FIRST AID MEASURES**

**Inhalation:** No specific treatment is necessary since P-80 EMULSION is unlikely to be hazardous by inhalation.

**Ingestion:** No specific treatment is necessary since P-80 EMULSION is unlikely to be hazardous by ingestion.

**Skin Contact:** Remove contaminated clothing. Gently wash skin with soap and water. Get medical attention if irritation develops or persists.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if irritation develops or persists.

**5. FIRE-FIGHTING MEASURES**

**Fire:** Not considered to be a fire hazard.

**Explosion:** Not considered to be an explosion hazard.

**Fire Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Special Information:** Hazardous decomposition products may be formed under fire conditions. Nature of decomposition products not known.

**Advice for Firefighters:** Wear self-contained breathing apparatus for fire-fighting if necessary.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear appropriate personal protective equipment as specified in Section 8.

**Environmental Precautions and Methods and Materials for Containment and Cleaning Up:** P-80 EMULSION can be treated in sewage / wastewater treatment facilities. Do not discharge to surface waterways. Spills will present a slip hazard. Clean up spills with absorbent material or mop. Dried P-80 EMULSION spills will be sticky. Clean up residue with soap and water.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling and Conditions for Safe Storage, Including Any Incompatibilities:** P-80 EMULSION requires no special ventilation. Safety glasses and gloves should be worn (See Section 8.) P-80 EMULSION should be stored in a cool place in its original container and protected from sunlight. Keep container closed when not in use to prevent bacterial contamination. Mix or shake P-80 EMULSION before use. Recommended storage temperature is 2–30°C (36–86°F). Do not allow product to freeze. The shelf life of P-80 EMULSION is two years from the date of manufacture when stored in the original sealed container at the recommended storage temperature.

**Advice on General Occupational Hygiene:** Do not eat, drink and / or smoke in work areas; wash hands after use.

**Specific End Uses:** P-80 EMULSION provides temporary lubrication to ease rubber assembly operations involving hoses, o-rings, seals, grommets, grips, and other rubber parts. The application of P-80 EMULSION can be done automatically or manually. Manual techniques include spray, sponge, immersion, and brush. Apply P-80 EMULSION to the rubber or plastic part before assembly.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:** No limits are established for P-80 Emulsion.

**Ventilation System:** Not necessary.

**Personal Respirators:** Not necessary.

**Skin Protection:** Rubber, nitrile, or latex gloves are recommended. No additional protection is required. Common sense chemical hygiene practices should be followed.

**Eye Protection:** Safety glasses with side-shields are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Opaque, creamy white to off-white emulsion

**Odor:** Mild, oily odor

**Odor Threshold:** No information found

**pH:** 8.4

**% Volatiles by volume @ 21 °C (70 °F):** < 1% (ASTM D2369-01)

**Melting Point:** No information found

**Boiling Point / Boiling Range:** 100 °C (212 °F)

**Flash Point:** Not applicable

**Evaporation Rate (BuAc=1):** Similar to water

**Flammability:** Not applicable

**Upper / Lower Flammability or Explosive Limits:** Not applicable

**Vapor Pressure (mm Hg):** Similar to water

**Vapor Density (Air=1):** Similar to water

**Relative Density:** 0.98 g/mL

**Solubility:** Does not apply

**Partition Coefficient: n-octanol / water:** Not determined

**Auto-ignition Temperature:** No information found

**Decomposition Temperature:** No information found

**Viscosity:** ~ 150 cps

**Explosive Properties:** Not considered to be an explosion hazard

**Oxidizing Properties:** Does not apply

## 10. STABILITY AND REACTIVITY

**Reactivity and / or Chemical Stability:** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions and Conditions to Avoid:** None

**Incompatible Materials:** Avoid extended contact with uncured paint, or copper and its alloys. Avoid contact with polycarbonate, polymethyl methacrylate, and polyphenylene oxide as P-80 EMULSION may cause these plastics to craze over time.

**Hazardous Decomposition Products:** Not determined.

## 11. TOXICOLOGICAL INFORMATION

**Inhalation:** No data available

**Ingestion:** Non-toxic

**Skin Contact:** Not an irritant

**Eye Contact:** Not an irritant

**Chronic Exposure:** No data available

**Aggravation of Pre-existing Conditions:** No data available

**Specific Target Organ Toxicity - Single Exposure (Globally**

**Harmonized System):** No data available

**Specific Target Organ Toxicity - Repeated Exposure (Globally**

**Harmonized System):** No data available

## Numerical Measures of Toxicity:

NTP Carcinogen Database:

Ingredient	CAS No.	Known	Anticipated	IARC Category
Plant-derived oils	Mixture	No	No	None

**Acute Toxicity:** Non-toxic: LD50 Oral – rat - > 5g/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available

**Persistence and Degradability:** All ingredients are biodegradable

**Bioaccumulative Potential:** No data available

**Mobility in Soil:** No data available

**Other adverse effects:** No data available

**Results of PBT and vPvB Assessment:** According to the substances' SDSs, none are PBTs or vPvBs.

## 13. DISPOSAL CONSIDERATIONS

Offer surplus and non-recyclable solutions to a licensed disposal company.

## 14. TRANSPORT INFORMATION

**Land Transport ADR/RID and GGVS/GGVE**

**(Cross Border / Domestic):**

Not regulated

**Maritime Transport IMDG/GGVSea:**

Not regulated

**Air Transport ICAO-TI and IATA-DGR:**

Not regulated

## 15. REGULATORY INFORMATION

**European Inventory of Existing Commercial Chemical Substances (EINECS)**

The components of this product are on the EINECS inventory or are exempt from inventory.

### USA

**TSCA STATUS** All ingredients are listed on the TSCA inventory

**SARA TITLE III,302/303 EHS** None

**SARA TITLE III,304,HS** None

**SARA 311/312** None

**SARA TITLE III,313** None

### CANADA

**DSL** All ingredients are listed

**WHMIS Classification** Not controlled

**Chemical Safety Assessment:** The primary substances in P-80 EMULSION are listed in Annex IV of REACH.

## 16. OTHER INFORMATION

**Training Advice:** Wearing cotton gloves is not recommended because they allow for a sustained, occluded chemical contact with the skin. Routine cleaning of the P-80 EMULSION work area with a disinfectant is recommended for maximum product life. Not intended for dilution. Not intended for heating. Use at room temperature.

**Additional Information:** The above information is believed to be accurate but International Products Corporation (IPC) does not claim it to be all inclusive. It should only be used as a guide. It is provided for the purpose of hazard communication. It does not represent any guarantee of the properties of the product.

P-80 E GHS-SDS (150419 P80E)