



To Our Customers:

The attached Safety Data Sheet (SDS) was prepared by the vendor of the product you purchased through one of our divisions. We used the manufacturer's electronic document directly or scanned a paper copy and generated a file for our automated SDS delivery system.

All statements, technical information, and recommendations contained therein are solely that of the manufacturer of the product. We at Zep Inc. did not verify the accuracy and completeness of the statements and do not warrant or guarantee the information. We provide vendor SDSs to assist our customers in their compliance efforts. The attached document is in compliance with one of the respective country regulatory requirements noted below:

The OSHA Hazard Communication Standard (in the United States)  
The Hazardous Products Regulations (in Canada)

We made every effort to deliver all of the information prepared by the manufacturer. We cannot anticipate all conditions under which this information will be used. If you have any questions about the statements on the SDS, please contact the company shown on the document.

Zep Inc. assumes no liability or responsibility for loss or damage resulting from the improper use or handling of this product, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the manufacturer's product label and Safety Data Sheet.

Sincerely,

Product Stewardship Team  
Zep Inc.

## 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:**

International Products Corporation

201 Connecticut Drive

Burlington, NJ 08016, USA

Tel: (609) 386-8770 / Fax: (609) 386-8438

E-mail: mkt@ipcol.com / Website: www.ipcol.com

**EU Distributor:**

International Products Corp.

Unit 5, Green Lane Business Park

238 Green Lane London, SE9 3TL, United Kingdom

Tel: 020-8857-5678 Fax: 020-8857-1313

E-mail: saleseurope@ipcol.com

**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 EMULSION SDS 150419