

P-80[®] Rubber Lubricant Emulsion

Temporary Rubber Assembly Lubricant

1. IDENTIFICATION

Product Identifier: P-80[®] 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[®] 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)