

JET-LOK[®] PS-92

HIGH-TEMP PIPE SEALANT

High-Viscosity, Slow-Curing Paste Containing PTFE

DESCRIPTION

PS-92 High-Temp Pipe Sealant is a slow-cure sealant that gives an instant seal on tightened fittings, often considered as moderate pressure, up to 150 psi. Cures anaerobically with no solvents and no shrinkage to provide a high-pressure, vibration-proof seal that is resistant to most chemicals and corrosion. The PTFE in **PS-92** lowers the torque requirements of the standard sealants such as **PS-67**.

APPLICATIONS

High-Temp Pipe Sealant with PTFE lubricates the parts during assembly. The cure system allows for realignment of parts within 24 hours of application. Can be used on most hydraulic, pneumatic, oil, water, and gas connections. Its resistance to gasoline makes **PS-92** an excellent choice for sealing threaded connections on gasoline tanks and pumping systems. Approved for use with potable water systems.

GUIDELINES

Apply to clean threadform, filling the 2nd and 3rd threads. Prevent uncured sealant from entering the system by not filling the first thread. In any event, uncured sealant will not cure and will be flushed away.

PROPERTIES

High-Temp Pipe Sealant acts as lubricant during assembly, allows adjustment/realignment, then cures to a controlled strength. Eliminates vibration loosening.

TECHNICAL FEATURES

| | |
|---------------------------|--------------------------------|
| Resin Type | Methacrylate |
| Color | White |
| Cure Speed with Activator | 24 hours |
| Viscosity (Thixotropic) | 350,000 cps, typ. |
| Gap Fill | N/A |
| Flash Point | >200°F (93°C) |
| Shelf Life | 12 months |
| Specific Gravity | 1.2 |
| Operating Temperature | -65°F (-54°C) to 300°F (148°C) |

CURED PERFORMANCE

| | |
|---------------------------|------------|
| Full Cure Time: | 24 hours |
| Shear Strength: | 10,000 psi |
| Breakaway Torque, in.-lb. | 25 - 60 |

HEALTH & SAFETY IN USE

IRRITANT: Contains Methacrylate Esters which may irritate the eyes, respiratory organs and skin. In case of contact with the skin, wash immediately with plenty of soap and water.

PACKAGING

| Code No. | Container Size |
|----------|----------------|
| 57566 | 50 ml |
| 57567 | 250 ml |

LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. materials and workmanship.

This Limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube, Inc.

The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube, Inc. shall not be liable for incidental or consequential damages.

CORPORATE LOCATIONS

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ANAEROBICS

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JET-LUBE, INC.

MATERIAL SAFETY DATA SHEET

Product Name: JET-LOK® PS-92
Chemical Family: Acrylate adhesives
Use: Retaining compound for fasteners

Manufacturer/Supplier: JET-LUBE, INC.
Address: 4849 Homestead Rd., Ste. #200
 Houston, TX, 77028 USA **Phone:** 713-674-7617
Emergency Phone: 713-674-7617 **Fax:** 713-678-4604
Chemtrec 24 hours (USA): 800-424-9300

| Hazardous Components | CAS No. | Wt% | OSHA PEL | ACGIH TLV | Other Limits of Exposure |
|----------------------|---|--------|----------|-----------|--------------------------|
| Nonhazardous Blend | 39382257/12001262 9002840/80159/25852475 18268707/68909206/13463677 | 60-100 | UN | UN | UN |
| Saccharin | 81072 | 1-4 | UN | UN | UN |

Main Hazards—Health Effects

Eyes: Will cause irritation. **Inhalation:** May irritate breathing passages if inhaled.
Ingestion: May cause diarrhea. **Skin:** Possible rash for persons with hypersensitivity.

Eyes: Flush with water until all residue material is gone. Call physician.
Inhalation: Remove to fresh air. If respiratory difficulty continues, seek medical help.
Ingestion: Wash out mouth immediately. Consult physician.
Skin: Wash thoroughly with hand cleanser, followed by soap and water. Contaminated clothing should be dry cleaned before reuse.

Extinguishing Media: Foam, dry powder, Halon®, carbon dioxide, sand, earth & water mist. **Unsuitable Extinguishing Media:** Water jet.
Protective Equipment for Fire fighting: Self-contained breathing apparatus.

Personal Precautions: Wear gloves & protective overalls. **Environmental Precautions:** Do not allow it to enter drains. **Spillage:** Scrape up bulk, then wipe up remainder with cloth. To prevent walking hazard, pick up remaining residue with diatomaceous earth.

Handling: Avoid contact with skin and eyes.
Storage: Store at temperatures below 85°F (29°C).

Respiratory Protection: None needed. **Hand Protection:** Protective gloves for hypersensitive persons.
Eye Protection: Glasses, if applied to parts in motion. **Body Protection:** Overalls.

Physical State: Liquid **Color:** White **Odor:** Mild Organic **pH:** Neutral **Boiling Range/Point °F (°C):** >400 (204)
Melting Point °F (°C): N/A **Flash Point (COC) °F (°C):** >150 (66) **Autoignition Temperature °F (°C):** >500 (260)
Explosive Properties: LEL: UN UEL: UN **Evaporation Rate (Butyl Acetate):** <0.01 **Partition Coefficient (Log Pow):** UN
Vapor Pressure (kPa): <0.01 **Percent Volatiles:** Nil **Density (g/cm³):** 1.10 **Flammability:** Not flammable at ambient temperature.
OAR Value: N/A (no volatiles) **Oxidizing Properties:** None **Water Solubility:** Nil **Vapor Density:** >5

Stability: Chemically stable under normal conditions. No photoreactive agents. **Conditions to Avoid:** Powerful sources of ignition & elevated temperatures. **Materials to Avoid:** Strong inorganic & organic acids, oxidizing agents. **Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons & oxides of carbon & nitrogen. Residue mainly comprised of soot & mineral oxides.

Acute Toxicity: Not known. **Irritancy—Skin:** Very Mild **Skin Sensitization:** Not known. **Chronic Toxicity:** None known.
Subacute/Sub-chronic Toxicity: Not known. **Genotoxicity:** None known. **California Prop 65:** Saccharin (carcinogen)
Carcinogen: Saccharin **NTP:** Removed 1998 **IARC:** 2B (not classifiable as human carcinogen 1999) **OSHA:** No
EC Classification (67/548/EEC): UN **Allergens:** None known. **LC-50:** >4000mg/kg (extrapolated from component data) **LD-50:** N/A

Possible Effects: None **Behavior:** Relatively well behaved. Bioaccumulation potential nil.
Environmental Fate: Highly unlikely to cause notable contamination. Nontoxic to marine or land organisms.

Product Disposal: Do not incinerate. Contact waste disposal company or local authority for advice. **Container Disposal:** Pails without liner—see Product Disposal section above. Pails with plastic liner—pail may only be disposed of via standard waste disposal services, recycled or reused. Liner—see Product Disposal section above.

Not classified as hazardous for transport. **D.O.T.:** Nonhazardous **UN No.:** Nonhazardous **Air Transport (ICAO & IATA):** Nonhazardous
Sea Transport (IMO & IMDG): Nonhazardous **Road & Rail Transport (ADR/RID):** Nonhazardous

Labeling Information: None needed **EC Annex 1 Classification:** N/A **R Phrases:** R22—harmful if swallowed (could block passages)
S Phrases: S-3, keep cool **Ozone Depleting Chemicals:** N/A **TSCA:** All components are listed. **TSCA 12B Components:** None
WHMIS (Canada): Not controlled. **Canadian DSL:** All components listed. **40 CFR Part 372 (SARA Section 313):** Contains cumene hydroperoxide. **CERCLA RQ:** 200 lbs. **RCRA Hazard Class:** Contains U096 @ 2-5% **SARA 311/312:** Report above 5000 lbs.

SDS first issued. SDS data revised. **New Jersey Right To Know:** See Section II

LEGEND

- I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY
- II. COMPOSITION INFORMATION ON INGREDIENTS
- III. HAZARDS IDENTIFICATION
- IV. FIRST AID MEASURES
- V. FIRE FIGHTING MEASURES
- VI. ACCIDENTAL RELEASE MEASURES
- VII. HANDLING AND STORAGE
- VIII. EXPOSURE CONTROL/PERSONAL PROTECTION
- IX. PHYSICAL AND CHEMICAL PROPERTIES
- X. STABILITY AND REACTIVITY
- XI. TOXICOLOGICAL INFORMATION
- XII. ECOLOGICAL INFORMATION
- XIII. WASTE DISPOSAL
- XIV. TRANSPORT INFORMATION
- XV. REGULATORY INFORMATION
- XVI. OTHER INFORMATION

HMIS SYMBOL

| | |
|--------------|----|
| HEALTH | 1 |
| FLAMMABILITY | 1 |
| REACTIVITY | 1 |
| PPI | NA |

NFPA SYMBOL



Signature: *Donald A. Oldiges*
Prepared by: Donald A. Oldiges
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