

# JET-LOK<sup>®</sup> PS-67

## STAINLESS STEEL SEALANT w/PTFE High-Viscosity, Fast-Curing Paste

### DESCRIPTION

**PS-67** Instant Pipe Sealant is an easy-to-use pipeline sealant that sets quickly to give an instant, low-pressure seal of 100 psi and a high-pressure seal when fully cured. Unlike solvent-based pipe dopes, **PS-67** Instant Pipe Sealant cures anaerobically and therefore has no solvents to leak out, leaving behind leak paths. Finally, it provides 100% sealing capability and does not shrink when curing; eliminating the potential for failure at a later date.

### APPLICATIONS

Typical applications are sealing of all types of threaded connections against water, oil, grease, and most common materials conveyed by pipes. It is extensively used on pressure vessels, air compressors, hydraulic systems, tanks, etc. for positive, vibration-proof sealing. **PS-67** can be used on stainless steel. Approved for use with potable water systems.

### GUIDELINES

Where cure speed is extended due to low temperatures or inactive surfaces, activator can be used. Best results are found if **PS-67** is applied to 2nd or 3rd threadforms. Excess can be wiped away. Any migration into lines will not solidify and will be flushed away upon activation of the equipment.

### PROPERTIES

Resists most solvents. Fast cure to fixture usually <15 minutes. Temperature range: -65°F (-54°C) to 400°F (204°C). Typical strength: 10,000 psi.

### TECHNICAL FEATURES

Resin Type	Methacrylate
Color	White
Cure Speed with Activator	<10 minutes
Cure Speed w/o Activator	4 hours
Viscosity (Thixotropic)	300,000 - 400,000 cps
Gap Fill	N/A
Flash Point	>200°F (93°C)
Shelf Life	12 months
Specific Gravity	1.1
Operating Temperature	-65°F (-54°C) to 400°F (204°C)

### CURED PERFORMANCE

Full Cure Time	24 hours
Shear Strength	10,000 psi

### 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
57666	50 ml
57667	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

Houston, Texas—World Headquarters

Maidenhead, England

Edmonton, Canada

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ANAEROBICS

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# JET-LUBE, INC.

## MATERIAL SAFETY DATA SHEET

**I** **Product Name:** JET-LOK® PS-67  
**Chemical Family:** Anaerobic  
**Use:** Stainless steel

**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

<b>II</b>	<b>Hazardous Components</b>	<b>CAS No.</b>	<b>Wt%</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>Other Limits of Exposure</b>
	Saccharin	81072	1-3	UN	UN	UN
	Cumene Hydroperoxide	80159	1-3	UN	UN	UN
	Nonhazardous Blend	25852475/25103871 9004368/9002840 112945525/13463677	60-100	UN	UN	UN

**III** **Main Hazards—Health Effects**

**Eyes:** May cause irritation. **Inhalation:** Viscous nature may block breathing passages if inhaled. **Ingestion:** May cause diarrhea.  
**Skin:** For hypersensitive persons, may irritate the skin after prolonged periods of contact.

**IV** **Eyes:** Flush with water until all residual material is gone. If irritation persists, seek medical help. **Inhalation:** Clear air passage. If respiratory difficulty continues, seek medical help. **Ingestion:** Wash out mouth immediately. Consult physician. **Skin:** Wash thoroughly with hand cleanser, followed by soap & water. Contaminated clothing should be dry cleaned before reuse.

**V** **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.

**VI** **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.

**VII** **Handling:** No special handling precautions necessary. **Storage:** Do not store at elevated temperatures.

**VIII** **Respiratory Protection:** None needed.

**Hand Protection:** Protective gloves for hypersensitive persons.

**Eye Protection:** Glasses, if applied to parts in motion.

**Body Protection:** Overalls.

**IX** **Physical State:** Paste **Color:** White **Odor:** Mild **pH:** Neutral **Boiling Range/Point °F (°C):** >300 (148)  
**Melting Point °F (°C):** >400 (204) **Flash Point (COC) °F (°C):** >200 (93) **Autoignition Temperature °F (°C):** >500 (260)  
**Explosive Properties:** LEL: 0.9% UEL: 7% **Evaporation Rate (Butyl Acetate):** N/A **Partition Coefficient (Log Pow):** N/A  
**Vapor Pressure (kPa):** <5 **Percent Volatiles:** 7.9% **Density (g/cm³):** 1.1 **Flammability:** Not flammable at ambient temperature.  
**OAR Value:** N/A **Oxidizing Properties:** None **Water Solubility:** Slight **Vapor Density:** N/A

**X** **Stability:** Chemically stable under normal conditions. No photoreactive agents. **Conditions to Avoid:** Temperatures >150°F (66°C).  
**Materials to Avoid:** Avoid contamination with base materials. **Hazardous Decomposition Products:** Hydrogen, oxides of carbon, aldehydes, acidic fluorene gases, other noxious smoke and fumes.

**XI** **Acute Toxicity:** Not known. **Irritancy—Skin:** Very mild. **Skin Sensitization:** Not known. **Subacute/Sub-chronic Toxicity:** Not known.

**Genotoxicity:** None known. **Chronic Toxicity:** None known. **California Prop 65:** Saccharin (carcinogen)

**Carcinogen:** Saccharin **NTP:** Removed 1998 **IARC:** 2B (not classifiable as human carcinogen) 1999 **OSHA:** No

**EC Class (67/548/EEC):** No **LC-50:** >4000mg/l—extrapolated from component data (Mysidopsis Bahía). **LD-50:** N/A

**XII** **Possible Effects:** Unlikely to act as a marine pollutant.

**Behavior:** Relatively well behaved. Bioaccumulation potential nil.

**Environmental Fate:** Highly unlikely to cause widespread contamination. Nontoxic to marine or land organisms.

**XIII** **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.

**XIV** 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

**XV** **Labeling Information:** None needed. **EC Annex 1 Classification:** Not Applicable. **R Phrases:** R22—harmful if swallowed.

**S Phrases:** N/A, as known. **Ozone Depleting Chemicals:** N/A **TSCA:** All components are listed. **SARA 311/312:** None

**WHMIS (Canada):** Not controlled. **Canadian DSL:** All components listed. **40 CFR Part 372 (SARA Section 313):** Contains Cumen Hydroperoxide. **CERCLA:** Nonhazardous **RCRA Hazard Class:** Nonhazardous **TSCA 12B Components:** None

**XVI** **New Jersey Right To Know:** See Section II

**HMIS SYMBOL**


HEALTH	1
FLAMMABILITY	1
REACTIVITY	1
PPI	B

**NFPA SYMBOL**



**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

**Signature:**   
**Prepared by:** Donald A. Oldiges  
**Date Issued:** November 11, 2005

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