

# JET-LOK<sup>®</sup> EC-GEL

## CYANOACRYLATE

*Extremely High Viscosity, Instant Super-Glue*

### DESCRIPTION

**JET-LOK EC-GEL** Instant Super-Glue is a thixotropic gel-like super-glue. It is a non-drip formulation and will not run on vertical surfaces.

### APPLICATIONS

Where vertical surfaces and/or large gaps are being bonded, **EC-GEL** is ideal.

### GUIDELINES

Apply adhesive to one side only. Apply pressure firmly for a few seconds until the bond forms. Allow to cure before putting into use.

### PROPERTIES

Bond times:   Metal/Metal   < 50 seconds  
                  Plastic/Plastic < 25 seconds  
                  Rubber/Rubber < 15 seconds

### TECHNICAL FEATURES

Resin Type	Ethyl Cyanoacrylate
Color	Clear
Cure Speed with Activator	<5 seconds
Cure Speed w/o Activator	10 - 70 seconds
Viscosity	Thixotropic
Gap Fill	.01"
Flash Point	>185°F (85°C)
Shelf Life	12 months
Specific Gravity	1.1
Operating Temperature	-65°F (-54°C) to 180°F (82°C)

### CURED PERFORMANCE

Full Cure Time	24 hours
Shear Strength	3000 psi

### PACKAGING

Code No.	Container Size
59071	1 oz. (28.4 gm)

### HEALTH & SAFETY IN USE

**DANGER:** Super-glue bonds skin and eyes in seconds. If accidental skin bonding happens, wash with warm soapy water and pry skin apart using a blunt instrument (such as a teaspoon handle). In case of eye contact, bath immediately with water and seek immediate medical attention.

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#### 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.

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## CORPORATE LOCATIONS

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Maidenhead, England

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ANAEROBICS

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# JET-LUBE, INC.

## MATERIAL SAFETY DATA SHEET

<b>I</b> <b>Product Name:</b> JET-LOK® EC-GEL <b>Chemical Family:</b> Anaerobic Sealant <b>Use:</b> Cyanoacrylate ester	<b>Manufacturer/Supplier:</b> JET-LUBE, INC. <b>Address:</b> 4849 Homestead Rd., Ste. #200 Houston, TX, 77028 USA <b>Phone:</b> 713-674-7617 <b>Emergency Phone:</b> 713-674-7617 <b>Fax:</b> 713-678-4604 <b>Chemtrec 24 hours (USA):</b> 800-424-9300
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	CAS No.	Wt%	OSHA PEL	ACGIH TLV	Other Limits of Exposure
<b>II</b> Hazardous Components	7085850/9011147	100	UN	UN	UN
	112945525/9011158				

**III Main Hazards–Health Effects**  
**Eyes:** Fumes may cause irritation, direct eye contact could result in bonding eye lids closed. **Inhalation:** Viscous nature may block breathing passages if inhaled. **Ingestion:** May cause diarrhea, affects not fully known. **Skin:** Can fuse skin to other objects.

**IV**  
**Eyes:** Flush with warm water and apply cause path. Eye will open within 1-4 days **Inhalation:** Remove to fresh air, if symptoms persist, call physician. **Ingestion:** Apply warm water to mouth. Peel or roll lips apart. **Skin:** Immerse bonded surface in warm soapy water. Peel or roll surface apart with aid of blunt edge. Do not pull apart with direct opposing action. **Burns:** Should be treated normally after the lump of adhesive is released from the tissue.

**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:** Avoid contact with skin, strong adhesive. **Storage:** Do not store at elevated temperatures. Store at temperatures below 85°F (29°C) to preserve storage life.

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

**IX**  
**Physical State:** Gel **Color:** Clear **Odor:** Solvent-like **pH:** Neutral **Boiling Range/Point °F (°C):** >300 (149)  
**Melting Point °F (°C):** None **Flash Point (COC) °F (°C):** >150 (66) **Autoignition Temperature °F (°C):** UN  
**Explosive Properties:** LEL: UN UEL: UN **Evaporation Rate (Butyl Acetate):** Nil **Partition Coefficient (Log Pow):** N/A  
**Vapor Pressure (kPa):** <0.2 **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:** Not soluble **Vapor Density:** >3.0

**X**  
**Stability:** Chemically stable at temperatures below 150°F (66°C). **Conditions to Avoid:** Powerful sources of ignition and elevated temperatures. **Materials to Avoid:** Strong inorganic & organic acids, oxidizing agents. **Hazardous Decomposition Products:** Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon & nitrogen. Residue mainly comprised of soot & mineral oxides.

**XI**  
**Acute Toxicity:** Not known. **Irritancy–Skin:** Very mild. **Skin Sensitization:** Mild (adhesive) **Chronic Toxicity:** None known.  
**Subacute/Sub-chronic Toxicity:** Not known. **Genotoxicity:** None known. **California Prop 65:** N/A **Carcinogen:** NTP: No  
**IARC:** No **OSHA:** No **EC Classification (67/548/EEC):** No **LC-50:** >4000mg/l—extrapolated from component data **LD-50:** Not applicable


**XII**  
**Possible Effects:** None  
**Behavior:** Relatively well behaved. Bioaccumulation potential nil.  
**Environmental Fate:** Highly unlikely to cause notable 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:** N/A **R Phrases:** R22—harmful if swallowed (could block passages)  
**S Phrases:** S-3, keep cool **Ozone Depleting Chemicals:** Not applicable. **TSCA:** All components are listed.  
**WHMIS (Canada):** Not controlled. **Canadian DSL:** All components listed. **40 CFR Part 372 (SARA Section 313):** N/A  
**CERCLA RQ:** Unknown **RCRA Hazard Class:** Nonhazardous **SARA 311/312:** None **TSCA 12B Components:** None

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

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

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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	0
FLAMMABILITY	1
REACTIVITY	1
PPI	NA

