

# JET-LOK<sup>®</sup> EC-100

## CYANOACRYLATE

Low Viscosity, Multi-Purpose, Instant Super-Glue

### DESCRIPTION

**JET-LOK EC-100** Instant Super-Glue is a medium to low viscosity cyanoacrylate that is used for a variety of bonding applications, but is ideally suited for bonding plastics and rubber to themselves or various combinations.

### APPLICATIONS

General purpose bonding of plastics, name plates to equipment (plastic), thread termination on book bindings. Recommended for use on small gaps or relatively smooth, even surfaces.

### GUIDELINES

Bond time is relatively fast, so proper alignment of parts is essential. In the event of porous surface areas or large gaps, **JET-LOK EC-GEL** should be utilized.

### PROPERTIES

Bond times:	Metal/Metal	<25 seconds
	Plastic/Plastic	<10 seconds
	Rubber/Rubber	<5 seconds

### TECHNICAL FEATURES

Resin Type	Cyanoacrylate
Color	Clear
Cure Speed	15-40 seconds
Viscosity (Thixotropic)	90 - 120 cps
Gap Fill	.006"
Flash Point	>185°F (85°C)
Shelf Life	12 months
Specific Gravity	1.1
Operating Temperature	-65°F (-54°C) to 180°F (85°C)

### CURED PERFORMANCE

Full Cure Time	24 hours
Shear Strength	3000-3700 psi

### 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, flush immediately with plenty of water and seek immediate medical attention.

### PACKAGING

Code No.	Container Size
58565	1/3 oz.
58578	1 oz.

### 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

**Product Name:** JET-LOK® EC-100  
**Chemical Family:** Anaerobic Sealant  
**Use:** Cyanoacrylate ester

**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	7085850/9011147	60-100	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. **WARNING:** Can bond skin to other substrates.

**Eyes:** Flush with water until all residue material is gone.  
**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.  
**Eye Protection:** Glasses, if applied to parts in motion. **Body Protection:** Overalls.

**Physical State:** Liquid **Color:** Clear **Odor:** Mild Organic **pH:** Neutral **Boiling Range/Point °F (°C):** >400 (204)  
**Melting Point °F (°C):** N/A **Flash Point (COC) °F (°C):** >185 (85) **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 known. **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:** N/A  
**Carcinogen:** NTP: No IARC: No OSHA: No **EC Classification (67/548/EEC):** No  
**Allergens:** None known. **LC-50:** UN **LD-50:** Not applicable


**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:** 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:** N/A **RCRA Hazard Class:** N/A **SARA 311/312:** N/A **TSCA 12B Components:** None

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	1
FLAMMABILITY	1
REACTIVITY	1
PPI	NA

**NFPA SYMBOL**

