

# Super Cyanoacrylate Adhesive Gel



## 8334

Super Cyanoacrylate Adhesive has been formulated to quickly bond plastics, metal, and ceramics. It offers excellent strength characteristics. Also available in [display packs of 24](#).

► Also available in a [liquid format](#)



### Specifications

Liquid State	
Base Chemical	Ethyl hybrid cyanoacrylate
Color	Clear transparent gel
Flashpoint	185°F (85°C)
<a href="#">Viscosity</a>	45 - 85,000 cps
Vapor Pressure, mm HG @ 70°C	8
Specific Gravity, @ 25°C	1.08
Soluble in	Acetone, MEK, Nitromethane
Cured State	
Setting Time	
Steel	240-280 sec.
Aluminum	260-300 sec.
Rigid PVC	240-280 sec.
Melting Point	368°F (187°C)
Softening Point	303°F (151°C)
Cured Temperature Range	-65°F to 180°F (-54°C to 82°C)
Typical Gap	0.020 inches
Elongation	>2%
Soluble in	X-8 Debonder, Acetone, Nitromethane
Strength Data	
Tensile strength, steel	4000 psi
Shear Strength (ASTM-D-1002)	
Steel	2800 psi
Aluminum	1600 psi
ABS	SF*
Nylon	SF*
Rigid PVC	SF*
Soft PVC	SF*
PMMA	SF*
Balsa	SF*
Substrate failure, adhesive stronger than substrate *	

## Available Sizes

Catalog Number	Sizes Available	Description
8334-3ML	3ml (0.1 oz)	Gel ( x24)

# Material Safety Data Sheet

## Section 1: Product Identification

**MSDS Code: 8334****Name: Super Glue Gel****Related Part Numbers: 8334-3ML**

Use: A quick bonding adhesive.

## Section 2: Hazardous Ingredients

CAS#	Chemical Name	Percentage by weight	ACGIH TWA	Osha Pel	Osha Stel
7085-85-0	Ethyl-2-cyanoacrylate	86-99%	0.2ppm	N/E	0.3ppm

## Section 3: Hazards Identification

**NFPA Ratings:** Health 2 Flammability 2 Reactivity 2**HMIS Ratings:** Health 2 Flammability 2 Physical Hazard 2**Eyes:** Irritates eyes, causes tearing from eye irritation. Adhesive will disassociate from eye / eyelids over time, usually within several hours. Temporary weeping of eyes / double vision may be experienced until clearance is achieved.**Skin:** Prolonged or repeated contact at elevated levels may cause dermatitis in sensitive individuals.**Inhalation:** Irritation of mucous membranes / coughing. Prolonged or repeated exposure at elevated levels may produce allergic reactions with asthma-like symptoms in sensitive individuals.**Ingestion:** Lips may become stuck together. It is almost impossible to swallow cyanoacrylate as adhesive, solidifies upon contact with saliva and may adhere to inside of mouth.**Chronic:** No residual effects of acute properties.

## Section 4: First Aid Measure

**Eyes:** Flush areas of contact with water. Get medical aid.**Skin:** Immerse bonded areas in warm, soapy water. Peel or roll skin apart. Remove cured adhesive with several applications of warm soapy water.**Inhalation:** Remove to fresh air.**Ingestion:** To unstick lips: apply copious amounts of warm water and encourage wetting / pressure from saliva inside mouth. Peel or roll (do not pull) lips apart. Adhesion inside mouth: saliva will lift adhesive in 1 - 2 days, avoid swallowing adhesive after attachment.

### Section 5: Fire Fighting Measures

**Autoignition Temperature:** N/E                      **Flash Point:** >81°C (178°F)                      **LEL / UEL:** N/E

**Extinguishing Media:** Use water spray, or dry chemical extinguisher.

### Section 6: Accidental Release Measures

**Spill Procedure:** Polymerize with water. Solid material may be scraped from surface.

### Section 7: Handling and Storage

**Handling:** Avoid breathing vapor, contact with eyes / skin. Allow product to reach room temperature before use. Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Do not expose container to heat or flame.

**Storage:** Avoid moisture, direct UV - sunlight and do not store above 25°C. Keep containers closed tightly when not in use. Ideal storage 5 - 10°C.

### Section 8: Exposure Controls

**Routes of entry:** Eyes, ingestion, inhalation.

**Ventilation:** Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.

**Personal Protection:** Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact. Use a NIOSH approved respirator when necessary.

### Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Liquid	<b>Odor:</b>	Stimulative	<b>Solubility in water:</b>	Immiscible	<b>Evaporation Rate:</b>	N/E
<b>Boiling Point:</b>	>100°C	<b>Specific Gravity:</b>	1.1 @ 25°C	<b>Vapor Pressure:</b>	<0.5 mm Hg @25°C	<b>Vapor Density:</b>	N/E <b>pH:</b> N/A

### Section 10: Stability and Reactivity

**Stability:** Stable at normal temperatures and pressures.

**Conditions to avoid:** N/A

**Incompatibilities:** Water, base, alcohol, amines, alkaline materials, and direct UV.

**Polymerization:** May not occur.

**Decomposition:** N/A

## Section 15: Regulatory Information Cont.

### **CANADA**

#### **CAA** (Clean Air Act, USA)

This product does not contain any class 1 ozone depleting substances.

This product does not contain any class 2 ozone depleting substances.

This product does not contain any chemicals listed as hazardous air pollutants.

#### **Health Canada**

Products produced by MG Chemicals intended for retail display conform to the Canadian Consumer Labeling Regulations.

### **USA**

#### **SARA** (Superfund Amendments and Reauthorization Act of 1986, USA, 40 CFR 372.4)

None of the chemicals in this product have a reportable quantity.

#### **EPCRA** (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45)

This product does not contain any chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

#### **TSCA** (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

#### **California Proposition 65** (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)

This product does not contain any chemicals listed.

### **EUROPE**

#### **RoHS**

This product does not contain any lead, cadmium, mercury, hexavalent chromium, PBB's, or PBDE's, and complies with European RoHS regulations.

#### **WEEE**

This product is not a piece of electrical or electronics equipment, and is therefore not governed by this regulation.

## Section 16: Other Information

**Definitions:** N/A = not applicable, N/E = not established

**Disclaimer:** This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.