

Super Cyanoacrylate Adhesive Liquid



8333

This cyanoacrylate adhesive has been formulated to quickly bond plastics, metal, and ceramics. It offers excellent strength characteristics. Available in [display packs of 24](#).

► Also available in a [gel format](#)

Specifications

Liquid State	
Base Chemical	Ethyl cyanoacrylate
Color	Clear transparent liquid
Flashpoint	185°F (85°C)
Viscosity	30-70 cps
Typical Gap	0.004 inches
Vapor Pressure, mm HG @ 70°C	10
Specific Gravity, @ 25°F / -4°C	1.06
Refractive Index, n _{20C/D} +/-0.03	1.45
Cured State	
Melting Point	365°F (185°C)
Softening Point	306°F (153°C)
Heat Distortion	250°F (121°C)
Glass Transition	42°F (172°C)
Volume Shrinkage	13%
Rockwell Hardness	74 M
Cured Temperature Range	-65°F to 180°F (-54°C to 82°C)
Outgassing, 10 ⁻⁶ mmHG, 72°F	0
Elongation	<2%
Dielectric Constant	3.98
Volume Resistivity	8.6 x 10 ¹⁰ ohm-cm
Strength Data	
Impact, ft-lbs, ASTM-950	7-10
Tensile, steel, psi, ASTM-D2095	4700
Tensile, shear, psi, ASTM-D1002	Steel 2800 Aluminum 1600 ABS665* Nylon850* Rigid PVC700* SBR85* EPDM100
Soluble in Acetone, Nitromethane. * indicates substrate failure.	



8333-20g

Available Sizes

Catalog Number	Sizes Available	Description
8333-20G	20g (1 oz)	Liquid (x10)
8333-3G	3g (0.1 oz)	Liquid (x24)

Material Safety Data Sheet

Section 1: Product Identification

MSDS Code: 8333**Name: Super Glue Liquid****Related Part Numbers: 8333-3G; 8333-3G-D; 8333-20G**

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/A	0.3 ppm

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.**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 unstuck 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, dry chemical extinguisher, foam or Co2.

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

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

Section 10: Stability and Reactivity

Stability: Stable at normal temperatures and pressures.

Conditions to avoid: No applicable information found.

Incompatibilities: Water, bases, amines

Polymerization: Will not occur.

Decomposition: No applicable information found.

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.