



SAFETY DATA SHEET

ELMER'S SUPER GLUE 2G

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	Elmer'S Super Glue 2g
Product Code	E615, E616
Product Use	Cyanoacrylate adhesive
Company Name	Jasco Pty Ltd
Address	118-122 Bowden Street Meadowbank NSW 2114
Telephone Number	02 9807 1555
Emergency Telephone	13 11 26

2. HAZARDS IDENTIFICATION

Classification of the Substance or Mixture



Exclamation mark

H227 - Combustible liquid	Flammable liquids - Warning - Hazard Category 4
H315 - Causes skin irritation.	Skin Corrosion/Irritation - Warning - Hazard Category 2
H319 - Causes serious eye irritation.	Serious Eye Damage/Irritation - Warning - Hazard Category 2A
H335 - May cause respiratory irritation.	STOT (Single Exposure) - Warning - Hazard Category 3

GHS Label Elements Including Precautionary Statements

Prevention

Keep away from sparks and open flames. – No smoking.
Wear protective gloves, eye protection and face protection.
Wash hands thoroughly after handling.
Avoid breathing vapours.
Use only outdoors or in a well-ventilated area.

Response

In case of fire: Use carbon dioxide, dry chemical and foam extinction.
IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.
If skin irritation occurs: Get medical attention.
Take off contaminated clothing and wash before reuse.
Mineral oil, vegetable oil, or petroleum jelly may help soften the bonding between skin surfaces.
For skin contact, consider acetone or nitromethane.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or physician if you feel unwell.

Storage

Store in a well-ventilated place. Keep cool.
Keep container tightly closed.
Store locked up.



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Disposal

Dispose of contents/container in accordance with local and state government regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation	Mixture	
Hazardous Ingredients	CAS No	Concentration
Ethyl 2-cyanoacrylate	7085-85-0	85-95%
2-Propenoic acid, 2-methyl-, methyl ester, polymer with methyl 2-propenoate	9011-87-4	5-15%

4. FIRST AID MEASURES

Inhalation	If inhaled, remove to fresh air. Give artificial respiration if not breathing. Seek immediate medical attention.
Ingestion	If accidentally swallowed, dilute by drinking large quantities of water. Seek immediate medical attention.
Skin	In case of skin contact, immediately remove contaminated clothing. If bonding occurs, soak in nail polish remover or acetone. Peel or roll the surfaces apart. Do not pull surfaces apart with a direct opposing action. Seek medical attention. Launder contaminated clothing before reuse.
Eyes	In case of eye contact, rinse cautiously with water for several minutes. If bonding to tissues occurs, wash with large amounts of warm water. Do not use any solvents to flush the eye and its surroundings. Liquid glue will sting eye temporarily. Solidified glue may irritate eye like a grain of sand and should be treated by an eye doctor. Seek medical attention.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	For major fires call the Fire Brigade. Ensure that an escape path is available from any fire. Water spray, carbon dioxide, dry chemical or foam.
Hazardous Combustion Products	Oxides of carbon.
Special Protective Equipment and Precautions for Fire Fighters	Wear Safe Work Australia approved self-contained breathing apparatus with positive pressure and full protective clothing.
Unusual Fire or Explosion Hazards	Combustible. The vapor is heavier than air. Vapors or gases may ignite at distant ignition sources and flash back. Vapor/air mixtures are explosive. Cool fire exposed containers with water spray.
Hazchem Code	Not allocated.



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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing. Evacuate all non-essential personnel from affected area. Ensure adequate ventilation. Extinguish all sources of ignition. Keep away from sparks and open flames. – No smoking.

Environmental Precautions Methods and Materials for Containment and Cleaning Up

In the event of a major spill, prevent spillage from entering drains or water courses.

Stop leak if safe to do so and contain spill. Absorb with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage

Store in a tightly closed original container in a cool, dry, and well ventilated area. Protect from heat, sparks, open flames and hot surfaces. No smoking. Exposure to small amounts of moisture, even moisture in air, causes polymerization and renders the product unusable. Keep away from alcohols, bases, amines and strong oxidizing agents. Store locked up.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters - Exposure Standards (Safe Work Australia) Engineering Controls

Ethyl 2-cyanoacrylate:
TWA: 0.2 ppm / - mg/m³ ACGIH
STEL: - ppm / - mg/m³

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

Personal Protective Equipment (PPE) Respiratory Protection

Wear a Safe Work Australia approved air purifying respirator with a tight-fitting face piece, organic vapor cartridge(s) and high-efficiency particulate filter if ventilation is inadequate to keep the airborne concentrations of vapour below occupational exposure standards. See Australian Standards AS/NZS 1715 and 1716 for more information.

Eye/Face Protection

Safety glasses with top and side shields or goggles. See Australian Standards AS/NZS 1336 and 1337 for more information.

Skin Protection

Chemical resistant gloves (neoprene rubber), clothing and boots. See Australian Standards AS/NZS 2161, 2210.1 and 2210.2



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Thermal Hazards

for more information.
No information available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless gel
Odour	Irritating odour
Solubility in Water	Negligible
pH	No information available
Freezing Point	-20°C
Initial Boiling Point / Range	62°C @ 5 mm Hg
Flash Point (CC)	83°C
Evaporation Rate	<1
Lower Flammability or Explosive Limit	No information available
Upper Flammability or Explosive Limit	No information available
Vapour Pressure	0.13 mm Hg @ 20°C
Vapour Density (Air=1)	>1
Relative Density (Specific Gravity)	1.09
Volatility	No information available
Auto-ignition Temperature	485°C
Decomposition Temperature	No information available
Viscosity	No information available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	May polymerize. Avoid contact with water or moisture. May become unstable at high temperatures.
Conditions to Avoid	Heat, flames, sparks and other sources of ignition, moisture and water.
Incompatible Materials	Alcohols, bases, amines and strong oxidizing agents.
Hazardous Decomposition Products	Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Toxicity	Ethyl cyanoacrylate: Oral LD ₅₀ (rat) = 180 mg/kg Skin LD ₅₀ (rabbit) = 220 mg/kg 2-Propenoic acid, 2-methyl-, methyl ester, polymer with methyl 2-propenoate: Oral LD ₅₀ (rat) > 15000 mg/kg Intraperitoneal LD ₅₀ (rat) > 9000 mg/kg Inhalation TC _{Lo} (rat) > 100 mg/m ³ /4hr Causes blood changes in erythrocyte (RBC) count It is an experimental tumorigenic.
Acute Health Effects	
Routes of Exposure	Inhalation: Causes respiratory tract irritation, lung congestion and allergic reactions. Ingestion: No information on significant adverse reactions. Eye: Bonds eyelids instantly. Causes serious eye irritation.



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	Skin:	Bonds skin instantly. Causes skin irritation.
Skin Corrosion/Irritation		Causes skin irritation.
Serious Eye		Causes serious eye irritation
Damage/Irritation		
Respiratory or Skin		Not expected to be a hazard.
Sensitisation		
Germ Cell Mutagenicity		Not expected to be a hazard.
Carcinogenicity		This product does NOT contain any IARC listed chemicals.
Reproductive Toxicity		Not expected to be a hazard.
Specific Target Organ		May cause respiratory irritation.
Toxicity (STOT) - Single		
Exposure		
Specific Target Organ		Not expected to be a hazard.
Toxicity (STOT) -		
Repeated Exposure		
Aspiration Hazard		Not expected to be a hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No information available.
Persistence and Degradability	No information available.
Bioaccumulative Potential	No information available.
Mobility in Soil	No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers	Dispose according to applicable local and state government regulations.
Special precautions for landfill or incineration	Please consult your state Land Waste Management Authority for more information.

14. TRANSPORT INFORMATION

Not classified as a dangerous good according to the Australian Code for the Transport of Dangerous goods by road or rail (ADG 7).

UN Number	Not applicable
Proper Shipping Name	Not applicable
Dangerous Goods Class	Not applicable
Subsidiary Risk	Not applicable
Hazchem Code	Not applicable
Packing Group	Not applicable
Special Provisions	Not applicable
Limited Quantities	Not applicable
Packagings & IBCs - Packing Instruction	Not applicable
Packagings & IBCs - Special Packing Provisions	Not applicable
Portable Tanks & Bulk Containers – Instructions	Not applicable
Portable Tanks & Bulk Containers – Special Provisions	Not applicable



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15. REGULATORY INFORMATION

Ethyl 2-cyanoacrylate and 2-propenoic acid, 2-methyl-, methyl ester, polymer with methyl 2-propenoate are listed in the Australian Inventory of Chemical Substances (AICS).

Poisons Schedule: 5

16. OTHER INFORMATION

Last Revision of MSDS	Rev 1.0 (30/10/2012)	
Prepared by	MSDS.COM.AU Pty Ltd	www.msds.com.au
Abbreviations Used	GHS – Globally Harmonised System of Classification and Labeling of Chemicals IARC: International Agency for Research on Cancer STEL: Short term exposure limit TWA: Time weighted average	

Emergency Contacts

Jasco Pty Ltd	02 9807 1555
Jasco Pty Ltd – Emergency Number	13 11 26
Police and Fire Brigade	000
Poisons Information Centre	13 11 26

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This MSDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals.2011"