

Material Safety Data Sheet

This material is hazardous according to criteria of NOHSC.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

1. Identification of the substance/preparation and of the company/undertaking

Product Name: SUPA GLUE

Supplier: Selleys Pty Ltd
ABN: 67 000 049 427
Street Address: 1 Gow Street
Padstow 2211
Australia

Telephone Number: +61 2 9781 8777
Facsimile: +61 2 9781 8825

Emergency Telephone: 1 800 033 111 (ALL HOURS)

2. Composition/information on ingredients

Product Description: Glue for bonding metal, rubber, plastics and most non-porous surfaces. Clear colourless liquid with a pungent odour.

Components / CAS Number	Proportion	Risk Phrases
Ethyl cyanoacrylate 7085-85-0	>60%	R36/37/38
Polymerisation inhibitor -	<1%	-
Poly(methyl methacrylate) 9011-14-7	1-<10%	-

3. Hazards identification

Risk Phrases: Irritating to eyes, respiratory system and skin.

Poisons Schedule: None allocated.

4. First-aid measures

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764766) or a doctor.

Inhalation: Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm.

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Keep at rest until fully recovered. Seek medical advice if effects persist.

Skin Contact: Do not use force to remove cured material from skin, or to pull apart skin- to- skin adhesion as tissue tearing can occur. Adhesive may be softened with acetone for emergency separation. Do not use solvents on sensitive skin or near an open wound. Will peel of in a few days and can be hastened by soaking in warm water.

Eye Contact: Immediately wash in and around the eye area with large amounts of water for at least 15 minutes. Eyelids to be held apart. Remove clothing if contaminated and wash skin. Urgently seek medical assistance. Transport to hospital or medical centre.

Ingestion: Cured material is considered non-hazardous. Seek medical and/or dental attention for removal of material bonded in mouth.

Notes to physician: Treat symptomatically.

5. Fire-fighting measures

Specific Hazards: Combustible liquid.

Fire-fighting advice: On burning will emit toxic fumes, including those of oxides of carbon , oxides of nitrogen and hydrogen cyanide . Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Suitable Extinguishing Media: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. Accidental release measures

SMALL SPILLS: Quickly wipe material off surface avoiding any skin contact. Treat surface residue with water to set glue. Cured material may be removed with acetone containing 5-10% water.

LARGE SPILLS: Wear protective equipment to prevent skin and eye contact and breathing in vapours. Contain. Add water to induce complete polymerisation. Scrape solid from surface and seal in properly labelled containers for disposal. Any residue on surface may be removed by abrasion.

7. Handling and storage

Handling advice: Avoid skin and eye contact and breathing in vapour.

Storage advice: Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

Classified as a C1 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

8. Exposure controls/personal protection

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Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission.

Engineering Control Measures:

Use in well ventilated areas. Keep containers closed when not in use.

Personal Protective Equipment:

Selleys Factory Safe Handling Code: Blue

Blue - Wear clean overalls, safety boots, general purpose gloves (PVC) and full face visor. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

If risk of inhalation exists, wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

9. Physical and chemical properties

Physical state:	Liquid
Colour:	Clear / Colourless
Odour:	Pungent
Odour Threshold:	1-3 ppm
Solubility:	Insoluble in water. Cured material is soluble in acetone.
Specific Gravity:	1.06@20°C
Relative Vapour Density (air=1):	<1
Vapour Pressure (20 °C):	0.02 kPa
Flash Point (°C):	80
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N Av
% Volatile by Volume:	Nil
Melting Point/Range (°C):	-25 to -20
Boiling Point/Range (°C):	65@ 16mm Hg
Decomposition Point (°C):	N Av
pH:	N App
Viscosity:	N Av
Evaporation Rate:	N Av

10. Stability and reactivity

Stability: Moisture initiates polymerisation. Solidifies instantly in contact with water. Incompatible with alkalis , alcohols and moisture .

11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

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Ingestion: No information available. Moisture in mouth will cure surface of adhesive with negligible bonding. **Eye contact:** An eye irritant. Moisture on eyeball will usually cure surface of adhesive with negligible bonding. Cured material may cause physical irritation to the eyes as a hard foreign body.

Skin contact: Contact with skin will result in irritation. Initiated by moisture, material will bond to skin on contact. The fully cured material is not expected to be a skin irritant. May cause skin sensitisation in sensitive individuals. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

Inhalation: Material is irritant to the mucous membranes of the respiratory tract (airways). May cause respiratory sensitisation in sensitive individuals.

Long Term Effects:

No information available for the product.

Toxicological Data:

No LD50 data available for the product.

12. Ecotoxicological information

Avoid contaminating waterways.

13. Disposal considerations

Refer to Waste Management Authority. Normally suitable for disposal at approved land waste site.

14. Transport information

Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. Regulatory information

Classification: This material is hazardous according to criteria of NOHSC.

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Xi: Irritant

Risk Phrase(s): R36/37/38: Irritating to eyes, respiratory system and skin.

Safety Phrase(s): S24/25: Avoid contact with skin and eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Poisons Schedule: None allocated.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

16. Other information

This material safety data sheet has been prepared by SH&E Shared Services, Orica.

For further copies of this sheet or other product information contact Selleys Proprietary Limited Customer Service.

Phone: 1300 555 205 (Australia wide)

Fax: 1300 555 305 (Australia wide)

Phone: 9 820 4852 (New Zealand)

Fax: 0800 804 583 (New Zealand)

Reason(s) for Issue:

Change to Poisons Requirements

Change in Hazardous Substance Classification

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Orica Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Orica representative or Orica Limited at the contact details on page 1.

Orica Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

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