



# Material Safety Data Sheet

*This material is hazardous according to criteria of NOHSC.  
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:** HIGH STRESS WOOD GLUE 308 KIT

**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:** Heat and water resistant wood glue (two pack). Part A is a white powder. Part B is a clear mobile liquid with an acrid odour.

Components / CAS Number	Proportion	Risk Phrases
Part A	100%	-
-		
Formaldehyde 50-00-0	<0.9%	R23/24/25, R34, R40, R41, R43
Filler	1-<10%	-
-		
Melamine urea formaldehyde resin 25036-13-9	>60%	-
Part B	100%	-
-		
Water 7732-18-5	>60%	Non hazardous
Formic acid 64-18-6	10-<30%	R35, R41

## 3. Hazards identification

**Risk Phrases:** PART A: May cause sensitisation by skin contact. PART B: Causes burns. Risk of serious damage to eyes.

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**Poisons Schedule:** S5 Caution.

## 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. Keep at rest until fully recovered. For all but the most minor symptoms arrange for patient to be seen by a doctor as soon as possible, either on site or at the nearest hospital.
- Skin Contact:** If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If swelling, redness, blistering or irritation occurs seek medical assistance. For skin burns, cover with a clean, dry dressing until medical help is available.
- Eye Contact:** If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.
- Ingestion:** Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Get to a doctor or hospital quickly.
- Notes to physician:** Treat symptomatically. Can cause corneal burns.

## 5. Fire-fighting measures

**Specific Hazards:** Non-combustible material. Corrosive substance.

**Fire-fighting advice:** Non-combustible material.

**Suitable Extinguishing Media:** Not combustible, however, if material is involved in a fire use: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

## 6. Accidental release measures

**SMALL SPILLS:** Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Avoid breathing in vapours. Work up wind or increase ventilation. Collect and seal in properly labelled containers for disposal. Wash area down with excess water.

**LARGE SPILLS:** Slippery when spilt. Avoid accidents, clean up immediately. Clear area of all unprotected personnel. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Neutralise with lime or soda ash. Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water. If contamination of sewers or waterways has occurred advise local emergency services.

## 7. Handling and storage

**Handling advice:** Avoid skin and eye contact and breathing in vapour, mists and aerosols.

**Storage advice:** Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep

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containers closed when not in use - check regularly for leaks.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

## 8. Exposure controls/personal protection

### Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

Formaldehyde: 8hr TWA = 1.2 mg/m<sup>3</sup> (1 ppm), 15 min STEL = 2.5 mg/m<sup>3</sup> (2 ppm), Carcinogen Category 2, Sen  
Formic acid: 8hr TWA = 9.4 mg/m<sup>3</sup> (5 ppm), 15 min STEL = 19 mg/m<sup>3</sup> (10 ppm)

As published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) – the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight hour work day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

'Sen' Notice - sensitiser. The substance can cause a specific immune response in some people. An affected individual may subsequently react to exposure to minute levels of that substance.

Carcinogen Category 2 - probable human carcinogen. There is sufficient evidence to provide a strong presumption that human exposure may result in the development of cancer. This evidence is generally based on appropriate long term animal studies, limited epidemiological evidence or other relevant information.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

### Engineering Control Measures:

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Exposure Standards. Use in well ventilated areas. If inhalation risk exists: Use with local exhaust ventilation or while wearing organic vapour respirator. Keep containers closed when not in use.

### Personal Protective Equipment:

Selleys Safe Handling Code: Orange

Orange - Wear clean overalls, waterproof/solventproof boots, gloves and apron, 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.

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## 9. Physical and chemical properties

Specific Gravity:	N Av (Part A); 1.05 (Part B)
Relative Vapour Density (air=1):	N Av
Vapour Pressure (20 °C):	3.3 kPa (Part B)
Flash Point (°C):	N Av
Flammability Limits (%):	N Av
Autoignition Temperature (°C):	N Av
Solubility in water (g/L):	Miscible (Part B)
Melting Point/Range (°C):	N App
Boiling Point/Range (°C):	>100 (Part B)
Decomposition Point (°C):	N Av
Sublimation Point (°C):	N App
pH:	0.5 (Part B)
Viscosity:	N Av
Evaporation Rate:	N Av

## 10. Stability and reactivity

**Stability:** Incompatible with strong acids and alkalis, aluminium, iron, steel, oxidising agents, catalysts, and many plastics.

## 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:

- Ingestion:** Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract. (1)
- Eye contact:** A severe eye irritant. Corrosive to eyes; contact can cause corneal burns. Contamination of eyes can result in permanent injury.
- Skin contact:** Contact with skin will result in severe irritation. Corrosive to skin - may cause skin burns.
- Inhalation:** Material is irritant to the mucous membranes of the respiratory tract (airways).

### Long Term Effects:

Available evidence from animal studies indicate that repeated or prolonged exposure to a component of this material could result in effects on the respiratory system. (1)

### Toxicological Data:

No LD50 data available for the product. For the constituent Formic acid (1):

EYES: Severe irritant (rabbit).

## 12. Ecotoxicological information

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Avoid contaminating waterways.

## 13. Disposal considerations

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered. Normally suitable for disposal at approved land waste site.

## 14. Transport information

### Road and Rail Transport

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

**UN No:** 1779  
**Class-primary:** 8 Corrosive  
**Packing Group:** II  
**Proper Shipping Name:** FORMIC ACID SOLUTION

**Hazchem Code:** 2X

### Marine Transport

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**UN No:** 1779  
**Class-primary:** 8 Corrosive  
**Packing Group:** II  
**Proper Shipping Name:** FORMIC ACID SOLUTION

### Air Transport

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**UN No:** 1779  
**Class-primary:** 8 Corrosive  
**Packing Group:** II  
**Proper Shipping Name:** FORMIC ACID SOLUTION

## 15. Regulatory information

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

**Risk Phrase(s):** PART A:  
R43: May cause sensitisation by skin contact.  
PART B:  
R34: Causes burns.  
R41: Risk of serious damage to eyes.

**Safety Phrase(s):** S2: Keep out of the reach of children.  
S23: Do not breathe vapour/mist/aerosol.  
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.  
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

**Poisons Schedule:** S5 Caution.

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

## 16. Other information

(1) Material Safety Data Sheet - Orica Australia Pty Ltd; 03/ 2002.

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 Selley's 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:

5 Yearly Revised Primary MSDS  
Alignment to HSNO requirements

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.

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# Material Safety Data Sheet

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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