

# Safety Data Sheet



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** HIGH STRESS WOOD GLUE 308 KIT

**Recommended use of the chemical and restrictions on use:** Heat and water resistant wood glue (two pack).

**Supplier:** Selleys Australia, a division of DuluxGroup (Australia) Pty Ltd  
**ABN:** 67 000 049 427  
**Street Address:** 1 Gow Street,  
Padstow, NSW 2211  
Australia

**Telephone Number:** +61 2 9781 8777  
**Facsimile:** +61 2 9781 8825  
**Emergency Telephone:** 1 800 033 111 (ALL HOURS)

## 2. HAZARDS IDENTIFICATION

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

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.

### Risk Phrase(s):

#### RESIN:

R43 May cause sensitisation by skin contact.  
Carc.Cat.2.R49 May cause cancer by inhalation.

#### HARDENER:

R34 Causes burns.  
R41 Risk of serious damage to eyes.

**Poisons Schedule (SUSMP):** S5 Caution.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Proportion	Risk Phrases
RESIN	-	100%	-
Melamine urea formaldehyde resin	25036-13-9	>60%	-
Filler(s)	-	1-<10%	-
Formaldehyde	50-00-0	<0.9%	R23/24/25, R34, R41, R43, R49
HARDENER	-	100%	-
Water	7732-18-5	>60%	-
Formic acid	64-18-6	10-<30%	R35, R41

## 4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

*Product Name:* HIGH STRESS WOOD GLUE 308 KIT  
*Substance No:* 000703390201

*Issued:* 04/11/2013  
*Version:* 5

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## **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:**

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. Continue to wash with large amounts of water until medical help is available.

## **Ingestion:**

Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water. Get to a doctor or hospital quickly.

## **Indication of immediate medical attention and special treatment needed:**

Treat symptomatically. Can cause corneal burns.

## **5. FIRE FIGHTING MEASURES**

### **Suitable Extinguishing Media:**

Not combustible, however, if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

### **Hazchem or Emergency Action Code: 2X**

### **Specific hazards arising from the substance or mixture:**

Non-combustible material. Corrosive substance.

### **Special protective equipment and precautions for fire-fighters:**

Non-combustible material.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Emergency procedures/Environmental precautions:**

Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.

### **Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:**

**SMALL SPILLS:** 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.

**LARGE SPILLS:** Slippery when spilt. Avoid accidents, clean up immediately. 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.

## **7. HANDLING AND STORAGE**

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

### Precautions for safe handling:

Keep out of reach of children. Avoid skin and eye contact and breathing in vapour, mists and aerosols.

### Conditions for safe storage, including any incompatibilities:

Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep containers closed when not in use - check regularly for leaks.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control Parameters:** No value assigned for this specific material by Safe Work Australia. However, Workplace 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 Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

TWA - The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

STEL (Short Term Exposure Limit) - the airborne concentration of a particular substance calculated as a time-weighted average over 15 minutes, 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 and should not be further exposed to the 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 Workplace 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 workplace 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.

### Appropriate engineering controls:

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Workplace 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.

### Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

Selleys Factory Safe Handling Code: Orange

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MANUFACTURE, PACKAGING AND TRANSPORT: Orange - Wear overalls (or 'issued' long pants and long sleeve tops), safety boots, long gloves and apron, and face shield. 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.

FOR CONSUMER USE: Rubber gloves and eye protection are recommended while handling the product. Use with adequate ventilation. Wash hands after use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	RESIN is a white powder. HARDENER is a clear mobile liquid with an acrid odour.
<b>Specific Gravity:</b>	1.05 (HARDENER); Not available (RESIN);
<b>Relative Vapour Density (air=1):</b>	Not available
<b>Vapour Pressure (20 °C):</b>	3.3 kPa (HARDENER)
<b>Flash Point (°C):</b>	Not available
<b>Flammability Limits (%):</b>	Not available
<b>Autoignition Temperature (°C):</b>	Not available
<b>Solubility in water (g/L):</b>	Miscible (HARDENER)
<b>Melting Point/Range (°C):</b>	Not applicable
<b>Boiling Point/Range (°C):</b>	>100 (HARDENER)
<b>Decomposition Point (°C):</b>	Not available
<b>pH:</b>	0.5 (HARDENER)
<b>Viscosity:</b>	Not available
<b>Evaporation Rate:</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Reacts with alkalis.
<b>Chemical stability:</b>	Stable if stored and handled under recommended conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous polymerisation will not occur.
<b>Conditions to avoid:</b>	Avoid contact with foodstuffs. Avoid exposure to heat.
<b>Incompatible materials:</b>	Incompatible with strong acids and alkalis, aluminium, iron, steel, oxidising agents, catalysts and many plastics.
<b>Hazardous decomposition products:</b>	Formaldehyde. Oxides of carbon. Oxides of nitrogen.

## 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:

<b>Ingestion:</b>	Swallowing can result in nausea, vomiting, diarrhoea, abdominal pain and chemical burns to the gastrointestinal tract.
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**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).

**Acute toxicity:** No LD50 data available for the product. For the constituent Formic acid (1):  
Oral LD50 (rat): 730 mg/kg  
Inhalation LC50 (rat): 7.4 mg/L/4 hr

**Skin corrosion/irritation:** Corrosive (rabbit).

**Chronic effects:** No information available for the product.

**Carcinogenicity:** For Formaldehyde: This material has been classified by the International Agency for Research on Cancer (IARC) as a Group 1 agent. Group 1 - The agent is carcinogenic to humans.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods:

Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Decontamination and destruction of containers should be considered.

## 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; DANGEROUS GOODS.



**UN No:** 3412  
**Transport Hazard Class:** 8 Corrosive  
**Packing Group:** II  
**Proper Shipping Name or Technical Name:** FORMIC ACID SOLUTION

**Hazchem or Emergency Action Code:** 2X

### Marine Transport

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

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*Substance No: 000703390201*

*Issued: 04/11/2013*  
*Version: 5*

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**Transport Hazard Class:** 8 Corrosive  
**Packing Group:** II  
**Proper Shipping Name or Technical Name:** FORMIC ACID SOLUTION

**IMDG EMS Fire:** F-E  
**IMDG EMS Spill:** S-C

## Air Transport

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

**UN No:** 3412  
**Transport Hazard Class:** 8 Corrosive  
**Packing Group:** II  
**Proper Shipping Name or Technical Name:** FORMIC ACID SOLUTION

## 15. REGULATORY INFORMATION

### Classification:

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.

### Risk Phrase(s):

#### RESIN:

R43 May cause sensitisation by skin contact.  
Carc.Cat.2.R49 May cause cancer by inhalation.

#### HARDENER:

R34 Causes burns.  
R41 Risk of serious damage to eyes.

**Poisons Schedule (SUSMP):** S5 Caution.

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

## 16. OTHER INFORMATION

(1) Safety Data Sheet - Australia Pty Ltd; 02/ 2013.

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

Phone: 1300 555 205 (Australia wide)  
Fax: 1300 555 305 (Australia wide)  
Phone: 0800 735 539 (New Zealand)  
Fax: 0800 804 583 (New Zealand)

### Reason(s) for Issue:

Revised Primary SDS  
Change in Hazardous Substance Classification  
Change to Transport Information

# Safety Data Sheet



This safety data sheet has been prepared by SDS Services.

This SDS 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 DuluxGroup 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 DuluxGroup representative or DuluxGroup Limited at the contact details on page 1.

DuluxGroup 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.

DuluxGroup owns the Dulux trade mark in Australia, New Zealand, PNG and Fiji. It is not associated with and has no connection to the owners of the Dulux trade mark in other countries, nor does it sell Dulux products in other countries.