

Material Safety Data Sheet

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Infosafe No™ 2RLJK Issue Date : May 2012 ISSUED by RLA

Product Name **RL1018 FAST SET PU ADHESIVE**

Classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name RL1018 FAST SET PU ADHESIVE
Product Code RL1018
Product Type Moisture cure polyurethane.
Company Name RLA POLYMERS PTY. LTD. (ABN 004 709 915)
Address 215 COLCHESTER ROAD KILSYTH
VIC. 3137
Emergency Tel. AH 13 15 18
Telephone/Fax Number Tel: (03) 9728 1644
Fax: (03) 9728 6009
Recommended Use Flooring adhesive.
Other Information This MSDS summarises to the best of our knowledge the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

2. HAZARDS IDENTIFICATION

Hazard Classification Classified as hazardous
Hazardous according to the criteria of NOHSC (National Occupational Health and Safety Commission).
Risk Phrase(s) Classified as hazardous
R42 May cause sensitisation by inhalation
Safety Phrase(s) S3: Keep in a cool place.
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.
S28: After contact with skin, wash immediately with plenty of soap and water.
S51: Use only in well ventilated areas.
Other Information This product contains isocyanates. May cause sensitisation by inhalation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization Liquid

Ingredients	Name	CAS	Proportion	Hazard Symbol	Risk Phrase
	Diphenylmethane-4,4'-diisocyanate	101-68-8	5-15 %	Xn, Xi	R20, R36/37/38, R42

Substance Chemical Family Polyurethane.

4. FIRST AID MEASURES

Inhalation Remove victim to fresh air. Seek medical advice if effects persist.
Ingestion Rinse mouth thoroughly with water immediately. Do not induce vomiting. Seek medical attention.
Skin Wash with plenty of soap and water. If swelling, redness, blistering or irritation occurs seek medical advice.
Eye Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek immediate medical assistance.
Advice to Doctor Treat symptomatically. Effects may be delayed.

5. FIRE FIGHTING MEASURES

Fire Fighting Measures No unusual fire danger. The flash point is greater than 61 Degs.C. Not spontaneously combustible.
Suitable Extinguishing Media Extinguish fire with the following: powder, water spray, carbon dioxide,

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Hazards from Combustion Products	In the case of fire the following substances may form: carbon monoxide, nitric oxide, isocyanate vapours and traces of cyanidric acid.
Special Protective Equipment for fire fighters	Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.
Unsuitable Extinguishing Media	None.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	Do not dispose of in drains. Clean away leakage mechanically; cover leakage with damp absorbent material (eg. sawdust, reactive chemical binders based on calcium hydrate silicate, sand). After 1 hour collect in a waste container. Do not close (it develops carbon dioxide). Let react for several days. Any disposal must be in accordance with applicable State, Territory and/or Local government regulations.
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7. HANDLING AND STORAGE

Handling and Storage	The product should be kept dry and airtight in a cool airy place which is protected from sunlight. The temperature should be between + 5 Degs.C. and + 28 Degs.C.
Precautions for Safe Handling	Avoid contact with skin and eyes, and inhalation of vapours.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls, Personal Protection	Provide sufficient air ventilation/aspiration in working areas.
Personal Protective Equipment	Wear protective working clothes, boots, overalls and butyl rubber, neoprene or nitrile rubber gloves. Carefully wash with soap and water after work or before eating, drinking or smoking. Contaminated clothing should be washed or dry cleaned before reuse. Wear chemical-proof glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid
Appearance	Beige paste.
Odour	Negligible
Solubility in Water	Insoluble, reacts.
Solubility in Organic Solvents	Soluble.
Specific Gravity	approx. 1.42
Viscosity	Paste.
Flash Point	> 200 deg.C.
Other Information	VOC Content < 50 grams/litre

10. STABILITY AND REACTIVITY

Stability and Reactivity	Product remains stable if handled and contained in recommended storage conditions.
Conditions to Avoid	Avoid excessive heat.
Hazardous Reactions	MDI base products react with many substances by generating heat, such as: chemical bases (eg. caustic soda), ammonia, primary and secondary amine, alcohol, water and acids. MDI base products are insoluble in water and as they are denser than water, precipitate to the bottom, slowly reacting on the interface. The reaction forms a solid polyurea layer which is not soluble in water and which releases carbon dioxide.

11. TOXICOLOGICAL INFORMATION

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Toxicology Information	The product contains isocyanates.
Inhalation	A respiratory irritant and potential respiratory sensitiser.
Ingestion	Toxicity by single oral dosage is low. The oral LD50 for rats is >2000 mg/kg. (body weight).
Skin	Skin sensitivity can be developed following prolonged and repeated contact.
Eye	A severe eye irritant. May cause sensitisation.
Chronic Effects	Animal studies have shown that respiratory sensitisation can be induced by skin contact with known respiratory sensitisers including diisocyanates.

12. ECOLOGICAL INFORMATION

Ecological Information	Valuation widely or completely based on data relative to similar materials.
Ecotoxicity	The substance is estimated to be non toxic for fish, Daphnia and bacteria on an acute static base.
Persistence / Degradability	The polyurea biodegradation in static laboratory conditions is estimated to be low. The product is not biodegradable.
Mobility	Environment mobility is limited by the formation of insoluble polymers. Chemically harmless insoluble polyurea forms in damp environments. Volatilisation from water to air has not been verified.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	The generation of waste should, if possible, be avoided or minimized. The recommended waste disposal method is by incineration in controlled and approved conditions, using suitable incinerators especially designed for the disposal of dangerous chemical waste. Small quantities of waste may be pre-treated, for example, with polyol, for neutralisation and then delivered to an authorised recycling company. The empty containers should be left in the open air in order to allow complete polymerisation and then delivered to an authorised recycling company.
Waste Disposal	Any disposal must be in accordance with applicable State, Territory and/or Local government regulations.

14. TRANSPORT INFORMATION

Transport Information	Not defined as a Dangerous Goods by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
ADR/RID Class/Item	This product is not classified as Dangerous Goods.

15. REGULATORY INFORMATION

Poisons Schedule	Not Scheduled
Hazard Category	Harmful, Irritant

16. OTHER INFORMATION

Contact Person/Point	In Australia: RLA Polymers Pty Ltd. - Group Operations Manager: 03 9728 1644 (Business Hours) For emergency information outside normal business hours, please ring: SECURITY MONITORING 13 15 18 They will contact the relevant personnel.
Last Change	The information herein is given in good faith, but subject to the Trade Practices Act 1974, no warranty, expressed or implied, is made. RL207 Date of last revision: 25/5/12 ...End Of MSDS...

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