

# Material Safety Data Sheet

Infosafe No™ 2RLZC Issue Date : May 2013 ISSUED by RLA

Product Name **ROBERTS TRU GRIP**

Classified as hazardous

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** ROBERTS TRU GRIP  
**Product Code** RTG  
**Company Name** RLA POLYMERS PTY. LTD. (ABN 004 709 915)  
**Address** 215 COLCHESTER ROAD KILSYTH  
VIC. 3137 Australia  
**Emergency Tel.** AH 13 15 18  
**Telephone/Fax** Tel: (03) 9728 1644  
**Number** Fax: (03) 9728 6009  
**Recommended Use** Moisture cure 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 SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.  
**Risk Phrase(s)** Classified as hazardous  
R36/37/38 Irritating to eyes, respiratory system and skin.  
R40 Limited evidence of a carcinogenic effect.  
R42/43 May cause sensitisation by inhalation and skin contact  
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
**Safety Phrase(s)** S23 Do not breathe gas/fumes/vapour/spray  
S36 Wear suitable protective clothing.  
S45 In case of accident or if you feel unwell seek medical advice immediately  
S60 This material and its container must be disposed of as hazardous waste.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization** Liquid  
**Ingredients**

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard Symbol</u>	<u>Risk Phrase</u>
Diphenylmethanediiosocy anate(isomers and homologues)	9016-87-9	10-25 %		

## 4. FIRST AID MEASURES

**Inhalation** Remove victim from exposure - avoid becoming a casualty. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If breathing laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a face mask. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek medical advice.  
**Ingestion** Rinse mouth thoroughly with water immediately. Give plenty of water to drink. Do not induce vomiting. Seek immediate medical assistance.  
**Skin** Wash with plenty of soap and water. Remove contaminated clothing and wash before re-use. 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.  
**First Aid Facilities** Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons.  
**Advice to Doctor** Treat symptomatically. Effects may be delayed.

## 5. FIRE FIGHTING MEASURES

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<b>Specific Methods</b>	Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition. Extinguish fire with the following: powder, water spray, foam, carbon dioxide,
<b>Specific Hazards</b>	On burning will emit toxic fumes including those of Carbon and Nitrogen Oxides.
<b>Decomposition Temp.</b>	On burning will emit toxic fumes including those of Carbon and Nitrogen oxides.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Spills &amp; Disposal</b>	Increase ventilation. Wear full protective equipment to prevent skin and eye contamination and inhalation of vapours. Cover spill with wet soil, wet sand or solid decontaminant and leave to react for ten minutes. Collect into open-top drums for further decontamination if necessary. Any disposal must be in accordance with applicable State, Territory and/or Local government regulations.
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## 7. HANDLING AND STORAGE

<b>Conditions for Safe Storage</b>	Store in well ventilated area. Store away from sources of heat or ignition. Store away from foodstuffs. Keep dry - reacts with water; may lead to drum rupture. Keep containers closed at all times.
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Other Exposure Information</b>	No value assigned for this specific material by the National Occupational Health and Safety Commission (Worksafe Australia.) For constituent : Exposure Standard: Isocyanates, all (as -NCO) TWA 0.02mg./m3 STEL 0.07mg./m3 Notices 'Sen' '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. 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 these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers. 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.
<b>Engineering Controls</b>	Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use with local ventilation or while wearing air supplied mask. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.
<b>Respiratory Protection</b>	Always use air supplied respirator if inhalation risk exists.
<b>Eye Protection</b>	Safety glasses.
<b>Hand Protection</b>	PVC, neoprene or nitrile rubber gloves.
<b>Footwear</b>	Boots.
<b>Body Protection</b>	Overalls or similar protective apparel.
<b>Hygiene Measures</b>	Always wash hands before eating, drinking, smoking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. Contaminated overalls should be decontaminated in 8% (dilute) ammonia solution for one hour and laundered before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Form</b>	Liquid
<b>Appearance</b>	Brownish liquid.
<b>Decomposition Temperature</b>	On burning will emit toxic fumes including those of Carbon and Nitrogen oxides.
<b>Melting Point</b>	Not applicable.
<b>Boiling Point</b>	Not available.
<b>Solubility in Water</b>	Not miscible.
<b>Solubility in Organic Solvents</b>	Soluble in many organic solvents.
<b>Specific Gravity</b>	Approx. 1.12 at 25 deg. C.
<b>pH Value</b>	Not applicable.
<b>Vapour Pressure</b>	< 0.0003 mmHg @ 25 deg C
<b>Vapour Density (Air=1)</b>	>1
<b>Viscosity</b>	5000 - 7000 cps
<b>Flash Point</b>	>200 Deg. C.
<b>Flammability</b>	Combustible.
<b>Auto-Ignition Temperature</b>	> 250 °C
<b>Flammable Limits - Lower</b>	Not available.
<b>Other Information</b>	VOC 0 g/litre

## 10. STABILITY AND REACTIVITY

<b>Incompatible Materials</b>	Will react exothermically with water and all organic compounds containing reactive hydrogen groups.
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## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation</b>	The vapour is an irritant to the mucous membranes and respiratory tract. Respiratory sensitizer. Inhalation of mists or aerosols may produce respiratory irritation.
<b>Ingestion</b>	May cause gastric irritation.
<b>Skin</b>	Contact with skin will result in mild irritation. Repeated or prolonged skin contact may lead to dermatitic effects.
<b>Eye</b>	A severe eye irritant. May cause conjunctivitis.
<b>Chronic Effects</b>	Animal studies have shown that respiratory sensitisation can be induced by skin contact with known respiratory sensitizers including diisocyanates.
<b>Other Information</b>	RISK STATEMENT: R36/37/38 Irritating to eyes, respiratory system and skin. R42 May cause sensitization by inhalation. SAFETY STATEMENT: S26 In case of contact with eyes, rinse immediately with water and contact a doctor or Poisons Information Centre. S28 After contact with skin, wash immediately with plenty of water (warm soapy water, if available). S38 If insufficient ventilation, wear suitable respiratory equipment. S45 In case of accident or if unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible).

## 12. ECOLOGICAL INFORMATION

<b>Environ. Protection</b>	Prevent this material entering waterways, drains and sewers.
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## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal</b>	Do not allow into any sewers, drains, on the ground or into any body of water. Any disposal must be in accordance with applicable State, Territory and/or Local government regulations. The preferred waste management option for unused, uncontaminated, unformulated, or not otherwise altered material, is to send to an approved
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recycler, reclaimer, or incinerator. The same waste management options are recommended for used or contaminated material, although additional evaluation is required.

Waste characterization and disposal compliance are the responsibility solely of the party generating the waste or deciding to discard or dispose of the material. None of these waste management options should be considered 'arranging for disposal'.

Chemical additions, processing, storage, or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate.

CONTAMINATED PACKAGING: Any disposal of contaminated packaging and washings must be in accordance with State, Territory and/or Local government regulations. After container has been cleaned and labelling has been removed, empty containers can be sent for recycling or disposal. If the container is to be reconditioned, the reconditioning company should be made aware of the nature of the original contents.

## 14. TRANSPORT INFORMATION

<b>Transport Information</b>	Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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## 15. REGULATORY INFORMATION

<b>Poisons Schedule</b>	Not Scheduled
<b>Hazard Category</b>	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 1300 136102  
They will contact the relevant personnel.

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