

# Material Safety Data Sheet

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Infosafe No. 1RL5U Issue Date : September 2002 APPROVED by RLAPOLYM

Product Name : **ROBERTS 6037 ADHESIVE FOR OUTDOOR GRASS CARPET.**

Classified as hazardous according to criteria of NOHSC

## COMPANY DETAILS

**Company Name** RLA POLYMERS PTY. LTD. (ABN 004 709 915)  
**Address** 215 COLCHESTER ROAD KILSYTH  
VIC. 3137  
**Emergency Tel.** AH (03) 9270 5700  
**Tel/Fax** Tel: (03) 9728 1644 Fax: (03) 9728 6009  
**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.

## IDENTIFICATION

**Product Code** ROB 6037  
**Product Name** ROBERTS 6037 ADHESIVE FOR OUTDOOR GRASS CARPET.  
**Proper Shipping Name** ADHESIVES  
**UN Number** 1133  
**DG Class** 3  
**Packing Group** III  
**Hazchem Code** 3[Y]  
**Product Use** 6037 Outdoor Grass Carpet Adhesive is an all weather solvent-based (flammable) adhesive specifically formulated for the outdoor installation of non-stretch open weave polypropylene backed synthetic grass carpet.

## Physical Data

**Appearance** Viscous beige coloured liquid with solvent odour.  
**Melting Point** N/A.  
**Boiling Point** 94-99°C.  
**Vapour Pressure** Heptane= 40 mm Hg @ 22.3°C.  
**Specific Gravity** approx.1.04  
**Flash Point** -4°C(CC).  
**Flamm. Limit LEL** Heptane = Lel: 1.05%, Uel: 6.7%.  
**Explosion Data** N/A.

## Other Properties

**Volatile Component** (Heptane).  
**Autoignition Temp.** 223°C.  
**Vapour Density** Heptane = 3.45 (air=1).  
**pH Value** N/A.  
**Form** Liquid  
**Decomposition Temperature** N/A.  
**Formula** N/A.  
**Molecular Weight** N/A.  
**Other Information** EVAPORATION RATE: Heptane 5.5 (nBuAc=1) BOILING RANGES: Heptane 94-99°C.

## Ingredients

Ingredients	Name	CAS	Proportion
	HEPTANE	142-82-5	30-60 %
	Resins	Trade Secret	10-30 %
	STYRENE BUTADIENE		10-30 %
	RUBBER.		
	FILLERS	Trade Secret	10-30 %

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Additives Trade Secret 0-10 %

## HEALTH HAZARD INFORMATION

### Health Effects

<b>Acute - Swallowed</b>	Moderately toxic. May cause irritation to mouth, throat and stomach.
<b>Acute - Eye</b>	A mild eye irritant.
<b>Acute - Skin</b>	Repeated or prolonged skin contact may lead to irritation. Will have a defatting effect on the skin.
<b>Acute - Inhaled</b>	The vapour may be an irritant to the mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Possible CNS effects. Narcotic in high concentrations.
<b>Chronic</b>	Evidence from studies on exposed workers indicate that repeated or prolonged exposure to this chemical could result in central nervous system disorders. These particular data are not considered relevant to normal industrial use but emphasize the need for care in handling.
<b>Other Information</b>	N/A

### First Aid

<b>Swallowed</b>	Rinse mouth thoroughly with water immediately. Give water to drink. DO NOT induce vomiting. DO NOT induce vomiting because of risk of aspiration. Seek medical attention. Watch for toxic effects.
<b>Eye</b>	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.
<b>Skin</b>	Wash with plenty of soap and water. First rinse with plenty of water, then remove contaminated clothes, rinse again, If irritation occurs seek medical advice. Remove contaminated clothing and wash before re-use.
<b>Inhaled</b>	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. Remove victim to fresh air.
<b>Other Information</b>	N/A.

### Advice to Doctor

**Advice to Doctor** Treat symptomatically.

### Other Health Hazard Information

### PRECAUTIONS FOR USE

<b>Other Exposure Info.</b>	HEPTANE: OSHA PEL:TWA 500p.p.m. ACGIH TLV:TWA 400p.p.m.; STEL 500p.p.m. NIOSH REL:TWA (Alkanes) 350mg/m <sup>3</sup>
<b>Eng. Controls</b>	Use in a well ventilated area only. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers in a well ventilated area. Provide ventilation for all indoor applications.

### Personal Protection

<b>Protective Equip.</b>	Avoid skin and eye contact. Avoid repeated and prolonged skin contact. Avoid inhaling the vapour, mist or dust. Do not smoke. Remove any naked lights or strong heat sources. Wearing of the following personal protective equipment may be advisable. Safety glasses, goggles or faceshield as appropriate. Overalls or similar protective apparel. Enclosed footwear. Organic vapour/acid mist respirator. Selection of the correct cartridge or canister is essential. Cartridges and canisters must be replaced regularly, frequency depending upon conditions of use. Chemically resistant gloves.
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### Flammability

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**Fire Hazards** Highly flammable. Heating may cause explosion. Product may explode if ignited in an enclosed area. Will burn if involved in a fire. Keep away from heat, sparks or naked flames. Flameproof equipment necessary in area where this chemical is being used. Nearby equipment must be earthed.

**Other Precautions** The odour warns insufficiently upon exceeding the exposure limit value. Do not use in the vicinity of a fire, a hot surface or during welding. Rinse contaminated clothes with plenty of water (fire hazard).

## SAFE HANDLING INFORMATION

### Storage and Transport

**Storage Precautions** Store in well ventilated area. Store in a cool, dry place. Not to be loaded with oxidizing agents (class 5). Store away from oxidizing agents. Dangerous Goods of Class 1 Explosives are incompatible in a placard load with any of the following: - Class 2, Class 3, Class 4, Class 5, Class 6, Class 7, Class 8, Class 9 or Fire risk substances. Dangerous Goods of Class 2.1 Flammable Gases, or with a subsidiary risk of 2.1, are incompatible in a placard load with any of the following: - Class 1, Class 3, if both the Class 2.1 and Class 3 dangerous goods are in bulk, Class 4, Class 5, and Class 7. Store in original containers. Ensure containers are clearly labelled.

**Other Storage Info.** N/A.

**Proper Shipping Name** ADHESIVES

**EPG Number** 3A1

**IERG Number** 14

**Packaging Method** 5.9.3#

### Spills and Disposal

**Spills & Disposal** In event of large spill: Advise flammable nature. If contamination of sewers or waterways has occurred advise the local emergency services. Call fire brigade. For large spills notify Emergency Services. Evacuate unprotected personnel from danger area. Remove any naked lights and strong heat sources. Contact supplier/manufacturer. If spillage occurs in a confined space ensure adequate ventilation.

SMALL SPILL: Use absorbent material to wipe up. Allow to dry or evaporate under a hood. LARGE SPILL: Eliminate all sources of ignition (open flames, pilot lights, electrical sparks eg. from welding equipment). Contain spill by diking to prevent spreading. Using spark free implements place the absorbed material into sealable metal containers. WASTE DISPOSAL: Discarded liquid and spill residues must be incinerated by an approved agent. Liquids cannot be disposed of in a landfill.

### Fire/Explosion Hazard

**Fire/Explos. Hazard** Hazardous decomposition products of heating and/or burning: Carbon dioxide Carbon monoxide Keep containers cool with water spray. Heating can cause expansion or decomposition leading to violent rupture of containers. Evacuate immediate area. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion. Vapours are heavier than air and may travel along the ground, gathering in depressions. Risk of oxygen deficiency.

FIRE AND EXPLOSION HAZARDS: Containers may explode if exposed to extreme heat, electrical equipment, sparks, and open flames. Do not put into contact with oxidising materials. FIRE FIGHTING PROCEDURES: Do not use straight hose water stream. Full protective equipment including self contained breathing apparatus is recommended to protect from combustion products. EXTINGUISHING MEDIA: Foam, CO<sub>2</sub>, dry chemical.

**Hazardous Reaction** CONDITIONS TO AVOID: Heat and sources of ignition. INCOMPATIBLE MATERIALS: Strong oxidisers. HAZARDOUS POLYMERISATION: Will not occur.

**Hazchem Code** 3[Y]

## OTHER INFORMATION

**Toxicology** HEPTANE: ih1-hm TCLo:1000p.p.m./6M:CNS. ivn-mus LD50:222mg/kg

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**Information on Ecological Effects** Harmful to aquatic life. Avoid contaminating waterways.

**Pkg. & Labelling** Hazchem Code : 3[Y]E Class : 3 Pack Group : II.

**Empirical Formula & Structural Formula** N/A.

## CONTACT POINT

**Contact** In Australia: RLA Polymers Pty. Ltd. - Group Technical Manager: 03 9728 1644  
(Business Hours)  
For emergency information outside normal business hours, please ring:  
SECURITY MONITORING 03 9270 5700  
They will contact the relevant personnel.

The information herein is given in good faith, but subject to the Trade Practices Act 1974, no warranty, expressed or implied, is made.  
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**User Information** Last revised: 10/09/02  
...End Of MSDS...