

# SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** RL105 Rubber Latex  
**Other Names:** RL105  
**Recommended Use:** Manufacture of adhesives, coatings and general compounding.  
**Company Name:** RLA Polymers NZ Ltd. **Address:** 24 – 28 Lady Ruby Drive,  
East Tamaki, Auckland. New Zealand  
**Phone:** (09) 267 2772 **Fax:** (09) 268 0305  
**Emergency Telephone:** (09) 267 2772 Available Monday – Friday 8.00am – 5.30pm.  
**New Zealand Poisons Centre: 0800 764 766**

## SECTION 2. HAZARDS IDENTIFICATION

**Hazard Classification:** NON HAZARDOUS according to NZ HSNO Regulations  
Not Regulated under NZ5433 for land transportation  
**Chronic Effects:** May cause allergic response.  
**Inhalation:** The vapour may be an irritant to the mucous membranes and respiratory tract  
**Ingestion:** Practically non-harmful. May cause gastric irritation  
**Skin:** Repeated or prolonged contact may lead to irritation  
**Eye:** A mild eye irritant. May cause watering of eyes. May cause soreness.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization:** Modified Liquid Latex  
**Information on Composition:** Liquid.

Ingredients	Name	CAS	Proportion	Hazard Symbol	Risk Phrase
	Non Hazardous Ingredients	Trade Secret	90 - 99 %		
	Ammonia, aqueous solution	1336 – 21 – 6	1 – 2 %		

## SECTION 4. FIRST AID MEASURES

**Inhalation** Remove victim from exposure – avoid becoming a casualty. Recovery should be rapid after removal from exposure.  
**Ingestion** Give plenty of water to drink. DO NOT induce vomiting. Seek medical attention if necessary  
**Skin** Wash affected areas with copious quantities of water immediately. If irritation occurs seek medical advice. Remove contaminated clothing and wash before re-use.  
**Eye** Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persist  
**Advice to Doctor** Treat symptomatically.

# SAFETY DATA SHEET

## SECTION 5. FIRE FIGHTING MEASURES

<b>Specific Methods</b>	Use CO <sub>2</sub> , dry chemical or foam. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of decomposition.
<b>Specific Hazards</b>	Low hazard heating can cause expansion or decomposition leading to violent rupture of containers. Fire dried residues may splatter upon contact with water. Keep containers cool with water spray
<b>Hazardous Combustion Products:</b>	Only the dried residue will burn emitting acid smoke and irritating fumes. If the dried residue has ignited, decomposition products may include: carbon dioxide (CO <sub>2</sub> ), and carbon monoxide (CO)
<b>Flash Point:</b>	Not applicable.
<b>Ignition Temperature</b>	Not applicable.
<b>Flammable Limits UEL</b>	Not applicable.
<b>Flammable Limits LEL</b>	Not applicable.
<b>Flammability:</b>	Non flammable. Product residue, following evaporation of liquid content will burn in the presence of an ignition source.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures:** Keep spectators away and avoid breathing vapours.

### **Methods and Materials for Containment and Clean up -**

<b>Minor Spills:</b>	Clean up spills immediately. Wear breathing apparatus if in no-ventilated area. Use absorbent clean up materials such as a fire retardant treated sawdust or diatomaceous earth. Keep spills (and as much as possible cleaning runoff) out of municipal sewers and waterways. Sweep up. Place in separate container for disposal.
<b>Major Spills:</b>	Restrict access to area. Contact supplier/manufacturer. Isolate leaking containers and stop leak if safe to do so. Contain – prevent contamination of drains and waterways. Clean up using a shovel. Collect and seal in properly labelled drums for disposal. Normally suitable for disposal at approved land waste site. Wash away residues with water.

## SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling:** Avoid damaging containers. Keep lids on containers when not in use.

**Conditions for safe Storage including any incompatibilities:**

**Storage Temperatures** Min 10 °C                      Max 30 °C

# SAFETY DATA SHEET

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>National Exposure Standards:</b>	This product contains ammonia. The product (wet) odour may cause discomfort under the influence of elevated temperatures or in confined area. The use of a solvent vapour mask under these circumstances may be advisable. AMMONIA: Worksafe TWA: 25p.p.m. STEL: 35p.p.m.
<b>Personal Protection:</b>	Use in a well ventilated area only. Keep containers in a well ventilated area. Must be sufficient to prevent breathing of vapour. Local exhaust ventilation system may be required.
<b>Eyes:</b>	Safety eyewear with splash guards or side shields to prevent eye contact is recommended when using any adhesives.
<b>Hands/Feet:</b>	Protective clothing. Chemically resistant gloves.
<b>Other:</b>	Overalls, protective clothing, barrier cream, eyewash unit, skin cleansing cream. Practice good caution and personal cleanliness to avoid skin contact. Avoid breathing vapours. Wash hands thoroughly before handling food.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Milky white liquid with ammonia smell.

Odour	pH	Vap. Pressure	Vap. Density	Boiling Point	Melt/Freeze	Solubility	Viscosity
Ammonia	Approx 10.0	n/a	n/a	100 deg C	0 deg C	soluble	70 cps.

## SECTION 10. STABILITY AND ACTIVITY

**Chemical Stability:** Product is considered stable under normal storage and handling conditions.

**Conditions to avoid:** Freezing, excessive heat (greater than 100°C).

**Incompatible Materials:** Strong oxidisers

**Hazardous Decomposition Products:** Oxides of carbon

**Hazardous Reactions:** None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

No data available for this material.

## SECTION 12. ECOLOGICAL IDENTIFICATION

Do not allow this product to enter the environment – in particular waterways.

Highly toxic to aquatic life.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Special precautions for landfill or incineration:**

Dispose of in accordance with local regulations.

Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

# SAFETY DATA SHEET

## SECTION 14. TRANSPORT INFORMATION

Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road or Rail

**UN Number:** None allocated

**UN Proper Shipping:**

**Subsidiary Risk**

**Poison schedule:** n/a

**HAZCHEM Code:** n/a

**Packing Group**

**DG Class:** n/a

## SECTION 15. REGULATORY INFORMATION

**Group Standard:** Not applicable

**Approved Handler:** Not required

## SECTION 16. OTHER INFORMATION

**Date of preparation:** May 2013

**Literature references:** MSDS's for individual raw materials

**Abbreviations:**

**CAS No** Chemical Abstract Service Registry

**TWA** Threshold limit value

**Safety data sheets are updated regularly; please ensure that you have a current copy.**

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End of MSDS

