

Material Safety Data Sheet

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Infosafe No. Issue Date : October 2009

ISSUED by RLA

Product Name: **ANCHORWELD N177 SPRAYABLE CONTACT ADHESIVE**

Hazardous according to criteria of Worksafe Australia

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
Telephone/Fax Number Tel: (03) 9728 1644 Fax: (03) 9728 6009
Other Information This MSDS summarizes 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 Name ANCHORWELD N177 SPRAYABLE CONTACT ADHESIVE
Proper Shipping Name ADHESIVES
U.N. Number 1133
DG Class 3
Packing Group III
Hazchem Code 3[Y]
Poisons Schedule S5
Product Use Sprayable contact Adhesive.

PHYSICAL DATA

Appearance Opaque cream liquid.
Melting Point Not applicable.
Boiling Point 60-110 Degs.C.
Specific Gravity 0.76
Vapour Pressure 100 mm/Hg
Flash Point < -30 Degs.C.
Solubility in Water Insoluble.

INGREDIENTS

Ingredients	Name	CAS	Proportion
110 - 54 - 3	10-30 %	n-Hexane	
108-88-3	10-30 %	Toluol	
10-30 %		Non Hazardous Ingredients	
78-93-3	10-30 %	Aliphatic Ketone Solvent	

Information on Composition Solvent based Polymer Adhesive containing Aromatic and Aliphatic hydrocarbon solvents.

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

Acute – Swallowed Moderately toxic. Liquid tends to break up into a foam if patient vomits. May cause gastric irritation. Upon aspiration into lungs, chemical pneumonitis may develop. Wear personal protective equipment appropriate to the task. (see below)

Acute – Eye Severe eye irritant. May cause conjunctivitis, corneal burns and ulceration.

Acute Skin Mild skin irritant. Frequent and prolonged contact may cause defatting of skin and dermatitis.

Acute Inhaled Toxic by inhalation. Irritating to respiratory system. Prolonged exposure may cause headache, dizziness, nausea and narcosis.

Other information Repeated inhalation or skin exposure to n-hexane has been noted to cause peripheral

neuropathy in exposed individuals.
Both sensory and motor nerve damage has been documented with term exposures of greater than 500 ppm. Cessation of exposure is not immediately followed by improvement and symptoms may even progress for 2 - 3 months.
Final recovery may take more than one year depending on the severity of the intoxication and may not always be complete.

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FIRST AID

Swallowed Do not induce vomiting. Give a glass of water. Get immediate medical help.

Eye Flush with cold water for at least fifteen minutes holding eyelids open, seek immediate medical help.

Skin Wash thoroughly with soap and water. Obtain medical help for any irritation that persists.

Inhaled Remove to fresh air immediately and obtain immediate medical help for any unusual symptoms.

First Aid Facilities ORAL: Gastrointestinal irritation, nausea, vomiting and cramping. Cns depression, ranging from mild headache to anaesthesia and coma. Pulmonary irritation secondary to exhalation of solvent. Lavage with cuffed tube if large quantity ingested. Aspiration is main danger, enforce bed rest and observe carefully. Prophylactic antibiotics useful. Observe for 24 hours for chemical pneumonitis, longer term medical surveillance may be necessary. Maintain airway and vital functions. Avoid sympathomimetic amines.
INHALATION: Cns depression charcaterised by headache and dizziness.

PRECAUTIONS FOR USE

Exposure Limits	Name	TWA ppm mg/m3	STEL ppm mg/m3
Footnote			
50	76	n-Hexane	
100	377	Toluol	
Engineering Controls	Local exhaust ventilation required. Provide explosion proof ventilation system. Maintain adequate ventilation. Maintain air levels below exposure limit. If air contaminant levels exceed the exposure limit, Respiratory protection required.		

PERSONAL PROTECTION

Respiratory Type (AS1716) Organic cartridge respirator eg. 3m 8712
Eye Protection Goggles with side shields.
Hand Protection PVC gloves.
Footwear Boots.

FLAMMABILITY

Fire Hazards Highly flammable. Isolate from sources of heat, naked flames or sparks. Take precautions against static electricity discharges. Earth and bond all process equipment including tanks or drums. Explosive air vapour mixture may form, ensure adequate ventilation. Keep away from strong oxidising material. Vapours will travel considerable distances to sources of ignition.

8. SAFE HANDLING INFORMATION

STORAGE and TRANSPORT

Storage Precautions Store in a cool place. Store container in a well ventilated place. Store away from heat, naked flames or sparks. Store away from strong oxidising agents. Keep away from food, foodstuffs, drink and clothing. Classified as dangerous substance for transporting. HIGHLY FLAMMABLE CLASS 3.1

Proper Shipping Name ADHESIVES
EPG Number 3A1
IERG Number 1 4

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SPILLS AND DISPOSAL

Spills & Disposal Extinguish or remove all sources of ignition. Clear area of all unwanted persons. Shut off source of leak if possible. Dyke and contain spill with sand or earth. Allow to evaporate if conditions permit. For minor spills absorb with sand. Place into suitable containers for disposal. Dispose of as per state/federal regulations. Do not flush into drains or sewers. Inform local authority if material enters drains or sewers.

FIRE/EXPLOSION HAZARD

Hazards Combustion Carbon monoxide and other unidentifiable organic compounds may be formed during combustion.
Products

Fire Fighting Procedures Wear full protective equipment including breathing apparatus. Foam, carbon dioxide or dry chemical extinguishers. For

large fires use foam.

HazChem Code 3[Y]

CONTACT POINT

CONTACT

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.

The information herein is given in
good faith, but subject to the Trade Practices Act 1974, no
warranty, expressed or implied, is made. RL207

NZ CONTACT

RLA Polymers (NZ) Ltd 67 Dalgety Drive Wiri Auckland
- Technical Manager

PH: (09) 267 2772 FAX: (09) 268

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End of MSDS...