



SAFETY DATA SHEET

1. IDENTIFICATION OF MATERIAL & COMPANY DETAILS

Product Name: 201 RUBBER CEMENT SOLUTION:

Company Name: Lacnam Paints Australia
Address: 78-80 Mandoon Road, Girraween, NSW 2145
Telephone Number: (02) 9688-1999
Emergency Number: (02) 9636-5505 (after hours)

2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE-DANGEROUS GOODS:
Classified as hazardous according to criteria of ASCC.
Classified as dangerous according to Dangerous Good Code.

Xi Irritant. N Dangerous to the Environment.
Xn Harmful. T Toxic.

Risk Phrases:

R11 Highly Flammable.
R37 Irritating to eyes and respiratory system.
R38 Irritating to Skin
R43 May cause sensitisation by skin contact
R46 May cause heritable genetic damage.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R51 Toxic to Aquatic Organisms.
R53 May cause long term adverse effects in the aquatic environment.
R62 Possible risk of impaired fertility.
R65 Harmful. May cause Lung Damage if swallowed.
R66 Repeated exposure may cause skin dryness and cracking.
R67 Vapours may cause drowsiness and dizziness.

Safety Phrases:

S2 Keep out of reach of children.
S9 Keep container in a well ventilated place.
S16 Keep away from sources of ignition – NO SMOKING.
S23 Do not breathe gas, fumes, vapour or spray.
S24/25 Avoid contact with skin and eyes.
S33 Take precautionary measures against static discharges
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S43 In case of fire, use recommended fire extinguishers: Carbon Dioxide, Dry Chemical or Foam.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S51 Use only in well ventilated rooms.
S61 Avoid release to the environment, Refer special instructions.
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

SAFETY DATA SHEET

201 Rubber Cement Solution
Page 2 of 7
Date of issue 01 May 2013

3. COMPOSITION/INFORMATION OF INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Liquid Hydrocarbons	64742-89-8	85-95%
Rubber Compound	Proprietary	5-15%

4. FIRST AID MEASURES

- Inhalation:** If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist, obtain medical advice.
- Skin:** Remove all contaminated clothing and footwear. Wash contaminated area thoroughly with soap and water as soon as reasonably practicable.
- Eyes:** Immediately flush eyes with large amounts of water for at least 15 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment.
- Swallowed:** Rinse mouth with water. Give water to drink. Do not induce vomiting. If vomiting occurs, place person's face downwards, head lower than hips to prevent vomit entering lungs. Seek medical advice.

First Aid Facilities: Ensure that an eye wash bath and safety shower, are readily accessible.

Advice to Doctor: Treat the patient symptomatically.

5. FIRE FIGHTING MEASURES:

Evacuate immediate area of non-emergency personnel.

On combustion the following products may be produced. Carbon Dioxide, Carbon Monoxide, Soot, Smoke.

Use foam, dry chemical or carbon dioxide extinguishers. Water spray may be used to cool containers to prevent vapour pressure build up. Wear full protective equipment including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

Eliminate all sources of ignition. Wear full protective equipment. Contain and absorb using earth, sand or other inert material, do not use sawdust, this is flammable. Transfer into containers for disposal according to local regulations. Do not allow product to enter drains or water courses. Immediately remove all contaminated clothing after containment.

SAFETY DATA SHEET

201 Rubber Cement Solution

Page 3 of 7

Date of issue 01 May 2013

7. HANDLING AND STORAGE:

Store product in accordance with State, or Territory Dangerous Goods regulations. Do not load on the same vehicle as Class 1, Class 2.1, Class 2.3, Class 4.2, Class 5.1, Class 5.2 or Class 7.

Keep containers closed when not in use.

Do not store or handle near strong oxidisers or sources of ignition.

Vapours are heavier than air and may collect in low areas such as pit holes.

Empty containers may contain explosive air / vapour mixture.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Hazardous Components Data:

Chemical Type:	CAS. No	TWA (Refer Section 16)	
		ppm	mg/m ³
Liquid Hydrocarbon	64742-89-8		450
n-Hexane (in hydrocarbon)	110-54-3	20	72
Toluene (in hydrocarbon)	108-88-3	50	191
Aromatic oil (in rubber compound)	64742-04-7		0.2

Exposed individuals may be desensitised to product and are not reasonably expected to be warned, by smell, that exposure standard is being exceeded.

If the TWA concentration of ANY of the components is exceeded the individual is deemed to be over exposed.

Engineering Controls: : Ensure ventilation is adequate, (typically 10 air changes per hour). If applicable use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. Flameproof equipment is necessary in the area where this product is used. All equipment should be earthed to prevent static build up. Keep containers closed when not in use. Do not use near ignition sources.

Personal Protection: Avoid contact with skin and eyes. Wear suitable clothing such as impervious overalls, PVC, or Neoprene gloves, and safety goggles. Where workplace ventilation is assessed as inadequate and vapours/mists are generated, the use of an approved Half or Full Face Respirator with Type A-P Filter complying with Australian Standards AS1715/1716 is recommended. Select a filter suitable for organic gases and vapours rated for; [boiling point < 65°C]. In confined spaces with inadequate ventilation, wear an air-fed face mask.

Flammability: Highly flammable. Avoid heat and sources of ignition. Container should be earthed when pouring.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Black liquid.

Boiling/Melting Point (°C): Range 66-115 / Not available

Vapour Pressure: Not available

Specific Gravity: 0.95-1.10

Flashpoint (°C): -30

Auto-ignition temperature (°C): >200

Flammability Limits (% by Volume): 1.0 – 7.5

Solubility in Water: Insoluble

SAFETY DATA SHEET

201 Rubber Cement Solution

Page 4 of 7

Date of issue 01 May 2013

10. STABILITY AND REACTIVITY:

Do not store: In areas of extreme heat generated by naked flame or heating element.
In the presence of incompatible materials.

At Ambient Temperature: Product is considered stable.
Hazardous polymerisation will not occur.

Thermal Stability: Decomposition may happen if temperature exceeds 200°C.

Decomposition Products: CO_x, SO_x, NO_x compounds, acid fumes and hydrocarbons may form toxic gases upon combustion.

11. TOXICOLOGICAL INFORMATION:

Acute - Swallowed: May cause irritation to mouth, throat and digestive tract. Large dose may cause drowsiness and may lead to unconsciousness.

Acute - Eye: Irritating to the eyes.

Acute - Skin: Irritating to the skin. Has a degreasing action on the skin. Repeated or prolonged skin contact may lead to contact dermatitis and toxic effects.

Acute - Inhaled: Vapour may be an irritant to mucous membranes and respiratory tract. Inhalation of vapour can result in headaches, dizziness and possible nausea. Inhalation of high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and, if exposure is prolonged, unconsciousness. Harmful if inhaled.

Chronic: Repeated or prolonged exposure to this chemical could result in central nervous system disorders.

12. ECOLOGICAL INFORMATION:

Prevent release into the environment.

Do not discharge into sewer or waterways.

May cause adverse effects to marine organisms.

May cause adverse effects to marine environment.

If product enters soil, it will be highly mobile and may contaminate ground water.

13. DISPOSAL CONSIDERATIONS:

Refer to State Land Waste Management Authority. Advice flammable nature of product.

Material Disposal: Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated, and to assess the appropriate waste classification and disposal methods.

Container Disposal: Drain containers thoroughly. Vent in a safe position away from naked flames and sparks. Residue may cause an explosion. Do not puncture, cut or weld. Send to Approved Drum/Metal Recyclers.

This product is not suitable for landfill.

SAFETY DATA SHEET

201 Rubber Cement Solution
Page 5 of 7
Date of issue 01 May 2013

14: TRANSPORT INFORMATION:



Classified as Dangerous Goods by criteria of the Australian Dangerous Goods Code (ADG Code) for transport by road or rail.

Product Name: 201 Rubber Cement Solution

Other Names: Rubber Cement

Manufacturer's Product Code: 201

UN Number: 1287

Packaging Group: II

Dangerous Goods Class & Subsidiary Risk: 3

Hazchem Code: 3[Y]E

Declaration for land shipment: Adhesive

Air Transport IATA:

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; DANGEROUS GOODS.

Product Name: 201 Rubber Cement Solution

ICAO/IATA Class: 3

Subsidiary risk: None

UN No: 1263

Packaging Group: II

Shipping name: Adhesive

Marine Transport:

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; DANGEROUS GOODS.

Product Name: 201 Rubber Cement Solution

UN No: 1263

Class-primary: 3 Flammable Liquid

Packing Group: II

Shipping Name: Adhesive

IMDG Marine Pollutant: Yes

Do not load on the same transport as:

Class 1:	Explosives
Class 2.1:	Flammable Gases
Class 4.2:	Spontaneously Combustible Substances
Class 5.1:	Oxidising Agents
Class 5.2:	Organic Peroxides
Class 7:	Radioactive Substances

Do not load on the same vehicle as Class 1, Class 2.1, Class 2.3, Class 4.2, Class 5.1, Class 5.2 or Class 7.

SAFETY DATA SHEET

201 Rubber Cement Solution

Page 6 of 7

Date of issue 01 May 2013

15: REGULATORY INFORMATION:

Poisons Schedule Number: 5

16: OTHER INFORMATION:

Safe Work Australia; published the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(1999)]. Section 4.76, this document outlines the criteria for classifying carcinogens as approved by the Australian government. This classification consists of three categories:

- Category 1: Substances known to be carcinogenic to humans.
- Category 2: Substances that should be regarded as if they were carcinogenic to humans.
- Category 3: Substances that have possible carcinogenic effects in humans but about which there is insufficient information to make an assessment.

Liquid Hydrocarbon component (CAS No. 64742-89-8):

Category 2: Substances that should be regarded as if they were carcinogenic to humans. Tumours produced in animals are not considered relevant to humans. (Solvent Naptha (Petroleum), Light Aliphatic).

Rubber Component (CAS No. 64742-04-7):

Category 2: Substances that should be regarded as if they were carcinogenic to humans.

Risk Phase R45: May cause cancer.

IRAC (International Agency for Research on Cancer) Product Listed Carcinogenicity:

IARC has determined that base oils similar to those under the classification CAS number 64742-04-7 may cause carcinogenic effects in laboratory animals through direct contact with their skin for long periods of time.

Liquid Hydrocarbons component (CAS No.108-88-3):

Carc Group 3: Not classifiable as to its carcinogenicity to humans.

TWA: Exposure standard-time weighted average; the average airborne concentration of a particle substance when calculated over a normal eight hour working day, for a five day week.

ppm: Parts of vapour or gas per million parts of contaminated air by volume.

mg/m³: Milligrams of substance per cubic metre of air at 25°C and one atmosphere pressure. When entry is in this column only the value is exact; when listed with a ppm value, it is approximate.

SAFETY DATA SHEET

201 Rubber Cement Solution

Page 7 of 7

Date of issue 01 May 2013

16: OTHER INFORMATION:

CONTACT POINT

Technical Manager - Working hours (02) 9688-1999
- After hours (02) 9636-5505

Although this information is presented in good faith and compiled from various sources believed to be accurate, Lacnam Paints make no representations or warranty as to the completeness or accuracy thereof. As the product's performance and suitability depends on various factors, the purchasers of our products should determine for themselves whether the product is suitable for their particular use.

Hazardous according to criteria of Australian Safety Compensation Council