



SAFETY DATA SHEET

1. IDENTIFICATION OF MATERIAL & COMPANY DETAILS

Product Name: T152 POLYURETHANE SLOW THINNER:

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
Xn Harmful.

Risk Phrases:

R11 Highly Flammable.
R21/22 Harmful in contact with skin and if swallowed.
R36/37/38 Irritating to eyes, respiratory system and skin.
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.
R63 Possible risk of harm to the unborn child.
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.
S16 Keep away from sources of ignition – NO SMOKING.
S23 Do not breathe gas, fumes, vapour or spray.
S24 Avoid contact with eyes.
S33 Take precautionary measures against static discharges
S36/37 Wear suitable protective clothing and gloves.
S43 In case of fire, use recommended fire extinguishers: Carbon Dioxide, Dry Chemical or Foam.
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.

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3. COMPOSITION/INFORMATION OF INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Liquid Hydrocarbons	108-88-3	50-70%
Acetates	123-86-4	15-25%
Acetates	108-65-6	15-25%
Ester	763-69-9	1-5%

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.

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7. HANDLING AND STORAGE:

Keep containers closed when not in use. 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.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

No evaluated data available for T152 Polyurethane Slow Thinner.

Hazardous Components Data:

Chemical Type:	CAS. No	TWA (Refer Section 16)	
		ppm	mg/m ³
Liquid Hydrocarbons	108-88-3	50	191
Acetates	123-86-4	150	713
Acetates	108-65-6	50	274
Ester	763-69-9	50	299

Based on available information on hazardous components of this product, the recommended exposure limit, (TWA) is 100 ppm.

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]. If working in confined spaces with inadequate ventilation, wear an air-fed full face mask.

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

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Colourless liquid.

Boiling/Melting Point (°C): 110/ Not available

Vapour Pressure: Not available

Specific Gravity: 0.860

Flashpoint (°C): 4.0

Auto-ignition temperature (°C): 315

Flammability Limits (% by Volume): Not available

Solubility in Water: Below 0.1% Mass

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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.

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.

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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: T152 Polyurethane Slow Thinner.

Other Names: Paint Thinner

Manufacturer's Product Code: 152

UN Number: 1263

Packaging Group: II

Dangerous Goods Class & Subsidiary Risk: 3

Hazchem Code: 3[Y]E

Use: Thinner for Polyurethane 2 Pack

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: T152 Polyurethane Slow Thinner

Other Names: Paint Thinner

ICAO/IATA Class: 3

Subsidiary risk: None

UN No: 1263

Packaging Group: II

Shipping name: Paint Related Material

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: T152 Polyurethane Slow Thinner

Other Names: Paint Thinner

UN No: 1263

Class-primary: 3 Flammable Liquid

Packing Group: II

Shipping Name: Paint Related Material

IMDG Marine Pollutant: Yes

Do not load on the same vehicle as:

Class 1:	Explosives
Class 2.1:	Flammable Gases
Class 2.3:	Toxic Gasses
Class 4.2:	Spontaneously Combustible Substances
Class 5.1:	Oxidising Agents
Class 5.2:	Organic Peroxides
Class 7:	Radioactive Substances

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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.

All product components are either not listed or below minimum reportable Hazardous Concentration Cut-off Limits.

Hazardous Concentration Cut-off Levels: A concentration cut-off level for a substance is the level (expressed as a percentage on a weight/weight basis for solids and liquids and a volume/volume basis for gases) at and above which that substance is classified as a hazardous substance.

A mixture is classified as a hazardous substance if it contains at least one ingredient at a concentration equal to, or above, the lowest concentration cut-off level given for that ingredient

IRAC Listed Carcinogenicity:

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

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

IARC: International Agency for Research on Cancer.

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.

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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, Lachnam 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
