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Date of Issue: 20/08/2021

SAFETY DATA SHEET

1. INDENTIFICATION OF MATERIAL & COMPANY DETAILS

Product Name: **T189 SPRAYGUN THINNERS (Recycled)**

Product description: Solvent Mixture
Recommended Use: Washing paint spraying and application equipment. Use according to manufactures Data Sheet

CAS Number: Not Applicable

Company Name: Lacnam Paints Australia
Address: 76-80 Mandoon Road, Girraween, NSW 2145
Email: sales@lacnam.com.au
Telephone Number: (02) 9688-1999

Emergency Number: 0419 260 572 (after hours)

2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE-DANGEROUS GOODS:
Classified as hazardous according to criteria of Work Safe Australia
Classified as dangerous according to Dangerous Good Code

Signal Word: DANGER

GHS Classification:
Eye Irritation Hazard: Category 2A
Flammable Liquid: Category 2
Specific Target Organ Toxicity: Category # Narcotic Effects (Single Exposure)

Hazard Statements:
H225 - Highly flammable liquid and vapour
H319 - Causes serious eye irritation
H336 - May cause drowsiness and dizziness

Non-GHS Hazard Statement:
AUH066 - Repeated exposure may cause skin dryness and cracking

2. HAZARDS IDENTIFICATION

General Precautionary Statements:
P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children
P103 - Read label before use

2. HAZARDS IDENTIFICATION

Prevention Precautionary Statements:
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233+234 - Keep container tightly closed. Keep only in original container
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/light/…/equipment
P242+243 - Use only non-sparking tools. Take precautionary measures against static discharge
P261 - Avoid breathing dust/fume/gas/mist/vapour/spray
P262 - Do not get in eyes, on skin, or on clothing
P264 - Wash all exposed skin area thoroughly after handling
P270 - Do not eat, drink, or smoke when using this product
P272 - Contaminated work clothing should not be allowed out of the workplace
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P285 - In case of inadequate ventilation wear respiratory protection

Response Precautionary Statements:
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P302+352 - IF ON SKIN: Wash with soap and water
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P306+360 - IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes
P312 - Call a POISON CENTRE or doctor/physician if you feel unwell.
P321 - Specific treatment: Immediate First Aid Measures Refer Section 4 of Safety Data Sheet
P333+313 - If skin irritation or a rash occurs: Get medical advice/attention
P337+313 - If eye irritation persists get medical advice/attention
P363 - Wash contaminated clothing before reuse
P370+P378 - In case of fire: Use Foam, Dry Chemical Powder, Carbon Dioxide, Fine Water Spray or Fog (for large fires only) for extinction
P391 - Collect spillage

Storage Precautionary Statements:
P403+233+235: Store in a well-ventilated place. Keep container tightly closed. Keep cool
P405 - Store locked up

Disposal precautionary statements:
P501: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Poison Schedule: S5.Caution

DANGEROUS GOOD CLASSIFICATION:

Classified as Dangerous Goods by the criteria of the Australian code for the Transport of Dangerous Goods by Road & Rail and the New Zealand NZs5433: Transport of Dangerous Goods on Land.

3. COMPOSITION/INFORMATION OF INGREDIENTS

Component Name:	CAS Number:	Proportion % Weight:
Propylene Glycol Monomethyl Ether Acetate	108-65-6	10.0-30.0%
Acetone	67-64-1	>60.0%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or
Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation:

- Remove victim from exposure-avoid becoming a casualty. Remove all contaminated clothing and footwear.
- Allow patient to assume most comfortable position and keep warm.
- If inhalation of mists, fumes or vapour causes irritation to the nose, throat, or lungs, causing coughing, wheezing or impaired motor skills, remove patient 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.
- For gross contamination immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is insoluble).
- For skin burns cover with a clean dry dressing if blistering occurs do not break blisters. If swelling, redness, blistering, or irritation occurs seek medical assistance.

Eyes:

- Immediately flush eyes with large amounts of water for at least 15 minutes.
- Method of irrigation; keep eyelids apart and away from eyes, routinely lift upper and lower eyelid away from eye while flushing with water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes.
- Removal of contact lenses should only be performed by skilled personnel.
- Transport to the nearest medical facility for additional treatment.

Swallowed:

- Do not induce vomiting, place person's face downwards, head lower than hips to prevent vomit entering lungs.
- Rinse mouth with water. Give water to drink.
- Avoid giving patient milk or oils.
- Observe patient carefully; withhold water if patient display signs of drowsiness or reduced awareness and possible unconsciousness.
- Seek medical advice.

First Aid Facilities:

- Ensure that eye wash bath and safety showers are readily accessible.

Advice to Doctor:

- Treat the patient symptomatically.

For acute or short-term repeated exposure to petroleum distillates or related hydrocarbons the primary threat to life is respiratory failure from ingestion and/or inhalation. Patients should be quickly evaluated for signs of respiratory distress (e.g., cyanosis, tachypnoea, intercostals retraction, or obtundation) and given oxygen. Patients with inadequate tidal volumes or poor arterial blood gases (pO2 50 mm Hg) should be intubated.

5. FIRE FIGHTING MEASURES

Hazchem Code: 3YE

Fire & Explosion Hazard:

- Liquid and vapour are highly flammable.
- Explosion hazard when exposed to heat or flame.
- Vapour may travel a considerable distance to source of ignition.
- Containers may rupture violently when exposed to extreme heat.
- On combustion the following products may be produced, Carbon Dioxide, Carbon Monoxide, Soot and Toxic smoke.
- Avoid contamination with oxidising agents i.e., nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result.

Fire Fighting:

- Evacuate immediate area of non-emergency personnel.
- Alert Fire Brigade and tell them location and nature of hazard.
- If safe, switch off electrical equipment until vapour fire hazard removed.
- Wear full protective equipment including self-contained breathing apparatus.
- Fight fire from a safe distance, with adequate cover and safe fire escape exit.
- Use foam, dry chemical, or carbon dioxide extinguishers. Fine water spray may be used to cool containers to prevent vapour pressure build up.
- Prevent water runoff from entering storm water drains or waterways.

6. ACCIDENTAL RELEASE MEASURES

Minor Spills:

- Clean up all spills immediately.
- Eliminate all sources of ignition
- Wear full protective clothing (refer section 8)
- Avoid breathing vapour and contact with skin and eyes.
- Contain and absorb using earth, sand, vermiculite, or other absorbent material. DO NOT USE sawdust, this is flammable.
- Collect residues in a flammable waste container and dispose of according to local waste management regulations.
- Do not allow product to enter storm water drains or waterways.
- Immediately remove all contaminated clothing after containment.

Major Spills:

- Evacuate personnel from immediate area and move upwind.
- Alert Fire Brigade of location and nature of hazard
- Eliminate all sources of ignition
- Wear full protective clothing (refer section 8)
- If safe to do so eliminate source of spillage.
- Avoid breathing vapour and contact with skin and eyes.
- Prevent, by any means available, spillage from entering storm water drains or water ways.
- If possible, contain and absorb using earth, sand, vermiculite, or other absorbent material. DO NOT USE sawdust, this is flammable.
- Use only anti-spark/ anti-static equipment to contain and remove spillage.
- Recoverable product should be collected into labeled flammable containers for recycling.
- Collect residues in a flammable waste container and dispose of according to local waste management regulations.
- Immediately remove all contaminated clothing after containment.

7. HANDLING AND STORAGE

Safe Storage:

- Store product in accordance with Local State, or Territory Dangerous Goods Regulations.
- Keep containers closed when not in use.
- Store in a cool, dry, well-ventilated area out of direct sunlight, away from sources of heat or ignition.
- Do store in areas where vapour may be concentrated i.e., pits, basements, or unventilated storage area.
- Do not store or 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 materials.

Precautions for safe handling:

- Do not smoke in storage/work area.
- Avoid skin and eye contact and breathing in vapour.
- All material handling equipment in work area must be flameproof.
- All nearby equipment should be earthed
- All potential sources of ignition must be eliminated from storage/work area.

This material is classified as a Class 3 Flammable Liquid.

This material is a Scheduled Poison Schedule (Caution) and must be stored, maintained, and used in accordance with relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Limits: No value assigned for this specific product by Safe Work Australia: Hazardous Substances Information System (HSIS). OEL for individual components reported.

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.
Concentration cut-off levels refer to health hazards only and are not associated with the physicochemical or environmental hazards of a substance. The health effects of certain types of hazardous substances are regarded as additive. Due to additive effects, a mixture may be classified as hazardous even if all the individual substances in the mixture are present at levels below their respective cut offs.

Reportable exposure limits for individual components that exceed **Concentration Cut Off levels:**

Chemical Name	CAS. No	TWA (8hr)		STEL		Source	Notices	%Weight
		ppm	mg/m3	ppm	mg/m3			
Propylene Glycol Monomethyl Ether Acetate	108-65-6	50	274	100	548		Sk	<30.00%
Acetone	67-64-1	500	1185	1000	2375			<70.00%

Source:

A	Listed in the National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC: 1003(1995).
Eu	Listed in the European Union's Annex I of the EEC Council Directive 67/548/EEC (as updated by EEC Council Directive 2001/59/EC).
NIOSH	National Institute for Occupational Safety and Health.
NZWES	New Zealand Workplace Exposure Standards and Biological Exposure Indices 7th edition
Sk	Absorption through the skin may be a significant source of exposure.
(a)	The value for inhalable dust containing no asbestos and less than 1.0% free silica.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable.

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.

If the directions for use on the Product Label/Safety Data Sheet are followed, exposure using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Biological Limit Values: As per the National Regulations of the Control of the workplace Hazardous Substances (Safe Work Australia) the ingredients in this material do not have a Biological Limit Allocated.

Engineering Controls: Use process enclosures, local exhaust ventilation or other engineering controls to maintain worker exposure to airborne contaminants below any recommended or statutory limits. Keep containers closed when not in use. Ensure exhaust air does not contaminate other workspaces.
Vapour heavier than air - Prevent vapours concentrating in work pits, tanks, or sumps. DO NOT enter confined spaces where vapour may have collected.
Ensure electrical equipment is in accordance with applicable regulations.
Equipment used to transfer product should be adequately earthed.
Ventilation equipment should be explosion/flame resistant.
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.

Confined Space Application:

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

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Colourless Liquid.
Boiling Point (°C): 95
Vapour Pressure: Not available
Specific Gravity: 0.78
Flashpoint (°C): -17 (acetone)
Auto-ignition temperature (°C): 465
Explosion/Flammability Limits (% by Volume): 2.2 – 13.0%
Solubility in Water: Nil

10. STABILITY AND REACTIVITY:

Chemical stability: Stable under normal conditions of use.

Do not store: In areas of extreme heat generated by naked flame or heating element.
In the presence of incompatible materials. Refer Section 7.

Incompatible materials: Do not stow with Reactive or oxidizing agents.

Hazardous combustion: Oxides of carbon and nitrogen, smoke, and other toxic fumes.

Hazardous reactions: Under normal ambient conditions hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION:

No value has been assigned for T189 Spraygun Thinners (Recycled). No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product Label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are.

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:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): > 20mg/L. 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.
Skin contact:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg
Ingestion:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg
Corrosion/Irritancy:	Eye: this material has been classified as a Category 2A Hazard (reversible effects to eyes). Skin: this material has been classified as not corrosive or irritating to skin.
Sensitisation:	Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.
Aspiration hazard:	This material has been classified as non-hazardous.
Specific Target Organ Toxicity (Single Exposure):	This material has been classified as a Category 3 Hazard. Exposure via inhalation may result in depression of the central nervous system.
Chronic Toxicity	
Mutagenicity:	This material has been classified as non-hazardous.
Carcinogenicity:	This material has been classified as non-hazardous.
Reproductive Toxicity (including via lactation):	This material has been classified as non-hazardous.
Specific Target Organ Toxicity (Repeat Exposure):	This material has been classified as non-hazardous

12. ECOLOGICAL INFORMATION:

No value has been assigned for T189 Spraygun Thinner (Recycled). Avoid contaminating waterways.

Acute Aquatic Hazard:	This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L
Long-term Aquatic Hazard:	This material has been classified as non-hazardous. Non-rapidly or rapidly degradable substance for which there are adequate chronic toxicity data available OR in the absence of chronic toxicity data, Acute toxicity estimate (based on ingredients): >100 mg/L, where the substance is not rapidly degradable and/or BCF < 500 and/or log Kow < 4.
Ecotoxicity:	No information available.
Persistence and Degradability:	No information available.
Bioaccumulative Potential:	No information available.
Mobility:	No information available.

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13. DISPOSAL CONSIDERATION:

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is use, See “Section 8. Exposure Controls and Personal Protection” of the SDS.

If possible, material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national, and international Regulations.

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: T189 Spraygun Thinner (Recycled)
Other Names: Thinner
Manufacturer's Product Code: T189
UN Number: 1993
Packaging Group: II
Dangerous Goods Class & Subsidiary Risk: 3
Hazchem Code: •3YE
Declaration for land shipment: Flammable Liquid, N.O.S (Acetone)

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: T189 Spraygun Thinner (Recycled)
ICAO/IATA Class: 3
Subsidiary risk: None
UN No: 1993
Packaging Group: II
Shipping name: Flammable Liquid, N.O.S (Acetone)

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: T189 Spraygun Thinner (Recycled)
UN No: 1993
Class-primary: 3 Flammable Liquid
Packing Group: II
Shipping Name: Flammable Liquid, N.O.S (Acetone)
IMDG Marine Pollutant: Yes

Do not load on the same vehicle as:
Class 1: Explosives
Class 2.1: Flammable Gases (if both are in bulk)
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

HSNO Group Standard: Cleaning Products (Flammable) Group Standard 2006: HSR002528

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persistent Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
International Convention for the Prevention of Pollution from Ships (MARPOL)

This material is subject to the following international agreements:
Basel Convention (Hazardous Waste)
Wastes from the production, formulation and use of organic solvents

This material/constituent(s) is covered by the following requirements:

- The *Standard for the Uniform Scheduling of Medicines and Poisons* (SUSMP) established under the Therapeutic Goods Act (Commonwealth).
- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances* (AICS).

16. OTHER INFORMATION:

SDS Version Number: 1.1

SDS Effective Date: 20/08/2021

SDS Distribution: The information in this document should be made available to all who may handle the product.

CONTACT POINT		
Technical Manager	**- Working hours**	**(02) 9688-1999**
	- After hours	**0419 260 572**

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