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## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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### 1.1 Product identifier

**Product name** MULTI PURPOSE UNDERCOAT  
**Synonym(s)** 41 SERIES - PRODUCT LINE • 4101; 4102, 4104, 4110 - PRODUCT CODES • LUXURY PAINTS MULTI PURPOSE UNDERCOAT • MULTI-PURPOSE UNDERCOAT

### 1.2 Uses and uses advised against

**Use(s)** PAINT • PRIMER • PRIMER FOR TIMBER • TIMBER COATING • UNDERCOAT

### 1.3 Details of the supplier of the product

**Supplier name** LUXURY PAINTS PTY LTD  
**Address** 8 Manburgh Terrace, Darra, QLD, 4076, AUSTRALIA  
**Telephone** (07) 3375 3199  
**Fax** (07) 3375 3886  
**Email** [info@luxurypaints.com.au](mailto:info@luxurypaints.com.au)  
**Website** <http://www.luxurypaints.com.au>

### 1.4 Emergency telephone number(s)

**Emergency** (07) 3375 3199; 0413 949 709 (After Hours)

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## 2. HAZARDS IDENTIFICATION

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### 2.1 Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO AUSTRALIAN WHS REGULATIONS

**GHS classification(s)** Flammable Liquids: Category 3  
Acute Toxicity: Oral: Category 4  
Acute Toxicity: Skin: Category 4  
Skin Sensitisation: Category 1  
Acute Toxicity: Inhalation: Category 4  
Specific Target Organ Systemic Toxicity (Single Exposure): Category 3  
Specific Target Organ Systemic Toxicity (Single Exposure): Category 3

### 2.2 Label elements

**Signal word** WARNING

**Pictogram(s)**



**Hazard statement(s)**

H226 Flammable liquid and vapour.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H317 May cause an allergic skin reaction.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.

**PRODUCT NAME MULTI PURPOSE UNDERCOAT****Prevention statement(s)**

P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

**Response statement(s)**

P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P321	Specific treatment is advised - see first aid instructions.
P330	Rinse mouth.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370 + P378	In case of fire: Use appropriate media for extinction.

**Storage statement(s)**

P403 + P233 + P235	Store in a well-ventilated place. Keep cool. Keep container tightly closed.
P405	Store locked up.

**Disposal statement(s)**

P501	Dispose of contents/container in accordance with relevant regulations.
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**2.3 Other hazards**

No information provided.

**3. COMPOSITION/ INFORMATION ON INGREDIENTS****3.1 Substances / Mixtures**

Ingredient	CAS Number	EC Number	Content
NAPHTHA (PETROLEUM) HYDRODESULPHURISED, HEAVY	64742-82-1	265-185-4	10 to 20%
SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC	64742-88-7	265-191-7	5 to 10%
XYLENE	1330-20-7	215-535-7	1 to 3%
METHYL ETHYL KETOXIME	96-29-7	202-496-6	<1%
ETHYLBENZENE	100-41-4	202-849-4	<0.1%
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	Remainder
ALKYD RESIN(S)	-	-	20 to 30%

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

<b>Eye</b>	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
<b>Inhalation</b>	If inhaled, remove from contaminated area. To protect rescuer, use a Type A (Organic vapour) respirator or an Air-line respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.
<b>Skin</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
<b>Ingestion</b>	For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.
<b>First aid facilities</b>	Eye wash facilities and safety shower should be available.

**4.2 Most important symptoms and effects, both acute and delayed**

See Section 11 for more detailed information on health effects and symptoms.

## PRODUCT NAME MULTI PURPOSE UNDERCOAT

### 4.3 Immediate medical attention and special treatment needed

Treat symptomatically.

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## 5. FIRE FIGHTING MEASURES

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### 5.1 Extinguishing media

Dry agent, carbon dioxide or foam. Prevent contamination of drains and waterways.

### 5.2 Special hazards arising from the substance or mixture

Flammable. May evolve carbon oxides and hydrocarbons when heated to decomposition. Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, heaters, naked lights, pilot lights, mobile phones, etc when handling. Earth containers when dispensing fluids.

### 5.3 Advice for firefighters

Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

### 5.4 Hazchem code

•3Y

•3 Alcohol Resistant Foam is the preferred firefighting medium but, if it is not available, normal foam can be used.

Y Risk of violent reaction or explosion. Wear full fire kit and breathing apparatus. Contain spill and run-off.

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## 6. ACCIDENTAL RELEASE MEASURES

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### 6.1 Personal precautions, protective equipment and emergency procedures

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS. Clear area of all unprotected personnel. Ventilate area where possible. Contact emergency services where appropriate.

### 6.2 Environmental precautions

Prevent product from entering drains and waterways.

### 6.3 Methods of cleaning up

Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Eliminate all sources of ignition.

### 6.4 Reference to other sections

See Sections 8 and 13 for exposure controls and disposal.

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## 7. HANDLING AND STORAGE

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### 7.1 Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

### 7.2 Conditions for safe storage, including any incompatibilities

Store tightly sealed in a cool, dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should be bunded and have appropriate fire protection and ventilation systems.

### 7.3 Specific end use(s)

No information provided.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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### 8.1 Control parameters

#### Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Ethyl benzene	SWA (AUS)	100	434	125	543
Xylene	SWA (AUS)	80	--	150	--

**PRODUCT NAME MULTI PURPOSE UNDERCOAT****Biological limits**

Ingredient	Determinant	Sampling Time	BEI
ETHYLBENZENE	Sum of mandelic acid and phenylglyoxylic acid in urine	End of shift at end of workweek	0.7 g/g creatinine
	Ethyl benzene in end-exhaled air	Not critical	-
XYLENE	Methylhippuric acids in urine	End of shift	1.5 g/g creatinine

Reference: ACGIH Biological Exposure Indices

**8.2 Exposure controls**

**Engineering controls** Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Flammable/explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.

**PPE**

- Eye / Face** Wear splash-proof goggles.
- Hands** Wear PVA or viton (R) gloves.
- Body** Wear coveralls.
- Respiratory** Where an inhalation risk exists, wear a Type A (Organic vapour) respirator. If spraying, wear a Type A-Class P1 (Organic gases/vapours and Particulate) respirator or an Air-line respirator. If sanding dry product, wear a Class P1 (Particulate) respirator.

**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	COLOURED LIQUID
<b>Odour</b>	SOLVENT ODOUR
<b>Flammability</b>	FLAMMABLE
<b>Flash point</b>	31°C
<b>Boiling point</b>	149°C to 170°C
<b>Melting point</b>	NOT AVAILABLE
<b>Evaporation rate</b>	NOT AVAILABLE
<b>pH</b>	NOT AVAILABLE
<b>Vapour density</b>	NOT AVAILABLE
<b>Specific gravity</b>	NOT AVAILABLE
<b>Solubility (water)</b>	INSOLUBLE
<b>Vapour pressure</b>	0.429 kPa @ 20°C
<b>Upper explosion limit</b>	7.0 %
<b>Lower explosion limit</b>	0.6 %
<b>Partition coefficient</b>	NOT AVAILABLE
<b>Autoignition temperature</b>	> 200°C
<b>Decomposition temperature</b>	NOT AVAILABLE
<b>Viscosity</b>	> 420 cSt @ 25°C
<b>Explosive properties</b>	NOT AVAILABLE
<b>Oxidising properties</b>	NOT AVAILABLE
<b>Odour threshold</b>	NOT AVAILABLE

**9.2 Other information**

<b>% Volatiles</b>	20 % to 30 %
<b>Density</b>	1.3 g/mL to 1.5 g/mL @ 25°C

**10. STABILITY AND REACTIVITY****10.1 Reactivity**

Carefully review all information provided in sections 10.2 to 10.6.

**PRODUCT NAME MULTI PURPOSE UNDERCOAT****10.2 Chemical stability**

Stable under recommended conditions of storage.

**10.3 Possibility of hazardous reactions**

Hazardous polymerization is not expected to occur.

**10.4 Conditions to avoid**

Avoid heat, sparks, open flames and other ignition sources.

**10.5 Incompatible materials**

Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid), alkalis (e.g. sodium hydroxide), heat and ignition sources. Incompatible with mineral acids and halogenated organic compounds.

**10.6 Hazardous decomposition products**

May evolve carbon oxides and hydrocarbons when heated to decomposition.

**11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Acute toxicity****Information available for the product:**

Harmful if swallowed, in contact with skin, and/or if inhaled.

**Information available for the ingredient(s):**

Ingredient	Oral Toxicity (LD50)	Dermal Toxicity (LD50)	Inhalation Toxicity (LC50)
NAPHTHA (PETROLEUM) HYDRODESULPHURISED, HEAVY	> 2000 mg/kg (rat)	--	--
XYLENE	4300 mg/kg (rat)	> 1700 mg/kg (rabbit)	4330–5984 ppm/6 hours
METHYL ETHYL KETOXIME	930 mg/kg (rat)	200 uL/kg (rabbit)	--
ETHYLBENZENE	3500 mg/kg (rat)	17800 mg/kg (rabbit)	50 g/m <sup>3</sup> /2 hours

**Skin**

Contact may result in drying and defatting of the skin, rash and dermatitis.

**Eye**

Contact may result in irritation, lacrimation, pain and redness.

**Sensitisation**

May cause an allergic skin reaction. This product is not classified as a respiratory sensitiser.

**Mutagenicity**

Insufficient data available to classify as a mutagen.

**Carcinogenicity**

This product may contain traces of ethylbenzene and naphthalene derivatives. Ethylbenzene and naphthalene are classified as possibly carcinogenic to humans (IARC Group 2B).

**Reproductive**

Insufficient data available to classify as a reproductive toxin.

**STOT – single exposure**

Over exposure may result in irritation of the nose and throat, coughing, nausea and headache. High level exposure may result in dizziness, drowsiness, breathing difficulties and unconsciousness.

**STOT – repeated exposure**

Repeated exposure to some solvents have been reported to cause adverse effects to the central nervous system (CNS), liver and kidney.

**Aspiration**

Aspiration into the lungs may cause chemical pneumonitis and pulmonary oedema.

**12. ECOLOGICAL INFORMATION****12.1 Toxicity****Aquatic Toxicity**

Fish Toxicity (rainbow trout, goldfish, and bluegill)

LC50 (96 hr): Based on data for similar components or preparations, this product is expected to be toxic to aquatic organisms.

Daphnia Magna EC50 (48 hr):

Long term adverse effects to aquatic organisms are possible if continuous exposure is maintained.

On the basis of the data for eco-toxicological effects, the substance can be classified as non-critical to aquatic organisms in the water-soluble range. As the substance is not readily biodegradable, long retention times in water are to be expected. This applies only in cases where no other elimination mechanisms (photo degradation, hydrolysis, adsorption) are active. However, as there is no eco-toxic effect, no damage to the ecosystem is to be expected.

Do not allow to escape into waterways, waste water or soil.

**PRODUCT NAME MULTI PURPOSE UNDERCOAT****12.2 Persistence and degradability**

No information provided.

**12.3 Bioaccumulative potential**

No information provided.

**12.4 Mobility in soil**

No information provided.

**12.5 Other adverse effects**

Aliphatic hydrocarbons behave differently in the environment depending on their size. WATER: Light aliphatics volatilise rapidly from water (half life - few hours). Bioconcentration should not be significant. SOIL: Light aliphatics biodegrade quickly in soil and water, heavy aliphatics biodegrade very slowly. ATMOSPHERE: Vapour-phase aliphatics will degrade by reaction with hydroxyl radicals.

**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

**Waste disposal** For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer/supplier for additional information if disposing of large quantities (if required). Prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result.

**Legislation** Dispose of in accordance with relevant local legislation.

**14. TRANSPORT INFORMATION**

CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE



	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG / IMO)	AIR TRANSPORT (IATA / ICAO)
14.1 UN Number	1263	1263	1263
14.2 Proper Shipping Name	PAINT or PAINT RELATED MATERIAL	PAINT or PAINT RELATED MATERIAL	PAINT or PAINT RELATED MATERIAL
14.3 Transport Hazard Class	3	3	3
14.4 Packing Group	III	III	III

**14.5 Environmental hazards** Not a Marine Pollutant

**14.6 Special precautions for user**

**Hazchem code** •3Y  
**GTEPG** 3C1  
**EMS** F-E, S-E

**15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Poison schedule** Classified as a Schedule 5 (S5) Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Classifications** Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.

The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)].

**Hazard codes** F Flammable  
 Xi Irritant  
 Xn Harmful

**PRODUCT NAME MULTI PURPOSE UNDERCOAT**

<b>Risk phrases</b>	R10	Flammable.
	R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
	R37	Irritating to respiratory system.
	R43	May cause sensitisation by skin contact.
	R67	Vapours may cause drowsiness and dizziness.
<b>Safety phrases</b>	S16	Keep away from sources of ignition - No smoking.
	S24	Avoid contact with skin.
	S28	After contact with skin, wash immediately with plenty of water.
<b>Inventory listing(s)</b>	<b>AUSTRALIA: AICS (Australian Inventory of Chemical Substances)</b> All components are listed on AICS, or are exempt.	

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**16. OTHER INFORMATION**

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**Additional information** WORK PRACTICES - SOLVENTS: Organic solvents may present both a health and flammability hazard. It is recommended that engineering controls should be adopted to reduce exposure where practicable (for example, if using indoors, ensure explosion proof extraction ventilation is available). Flammable or combustible liquids with explosive limits have the potential for ignition from static discharge. Refer to AS 1020 (The control of undesirable static electricity) and AS 1940 (The storage and handling of flammable and combustible liquids) for control procedures.

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

**HEALTH EFFECTS FROM EXPOSURE:**

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

<b>Abbreviations</b>	ACGIH	American Conference of Governmental Industrial Hygienists
	CAS #	Chemical Abstract Service number - used to uniquely identify chemical compounds
	CNS	Central Nervous System
	EC No.	EC No - European Community Number
	EMS	Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)
	GHS	Globally Harmonized System
	GTEPG	Group Text Emergency Procedure Guide
	IARC	International Agency for Research on Cancer
	LC50	Lethal Concentration, 50% / Median Lethal Concentration
	LD50	Lethal Dose, 50% / Median Lethal Dose
	mg/m <sup>3</sup>	Milligrams per Cubic Metre
	OEL	Occupational Exposure Limit
	pH	relates to hydrogen ion concentration using a scale of 0 (highly acidic) to 14 (highly alkaline).
	ppm	Parts Per Million
	STEL	Short-Term Exposure Limit
	STOT-RE	Specific target organ toxicity (repeated exposure)
	STOT-SE	Specific target organ toxicity (single exposure)
	SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
	SWA	Safe Work Australia
	TLV	Threshold Limit Value
	TWA	Time Weighted Average

**PRODUCT NAME    MULTI PURPOSE UNDERCOAT**

**Report status**

This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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