1. IDENTIFICATION OF THE MATERIAL SUPPLIER

1.1 Product Identifier

Product Name	**FLAT ENAMEL**
Synonym(s)	44 SERIES – PRODUCT LINE · 4401; 4402; 4404; 4410 – PRODUCT CODES · LUXURY PAINTS FLAT ENAMEL

1.2 Uses and uses advised against

Uses(s)	SOLVENT BASED PAINT

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
Website	http://www.luxurypaints.com.au

1.4 Emergency telephone number(s)

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

2. HAZARDS IDENTIFCIATION

2.1 Classification of the substance or mixture

CLASSIFIED AS HAZARDOUS ACCORDING TO AUSTRALIAN WHS REGULATIONS

GHS Classifications(s)	Flammable Liquids: Category 3 Skin Sensitisation: Category 1 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**

Pictograms

Hazard statement(s)

H226	Flammable liquid and vapour.
H317	May cause am allergic skin reaction.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

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.

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 CENTRE or doctor/physician if you feel unwell.
P321	Specific treatment is advised – see first aid and instructions.
P333+P313	If skin irritation 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 local, regional, national and international regulations.

2.3 Other Hazards

No information provided.

3. COMPOSITION/ INFORMATION OF INGREDIENTS

3.1 Substances / Mixtures

Ingredient	CAS Number	EC Number	Content
SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC	64742-88-7	265-191-7	15 to 20%
NAPHTHA (PETROLEUM) HYDRODESUPHERISED, HEAVEY	64742-82-1	265-185-4	5 to 15%
XYLENE	1330-20-7	215-535-7	1 to 5%
METHYL ETHYL KETOXIME	96-29-7	202-496-6	<1%
ALKYD RESIN(S)	-	-	15 to 25%
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	Remainder

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye	If in eyes, hold lids 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.
Inhalation	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.
Skin	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 doctor.
Ingestion	For advice, contact a Poison Information Centre on 13 11 26 (Australia wide) or a doctor (at once). If swallowed, do not induce vomiting.
First aid facilities	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.

4.3 Immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE FIGHTING MEASURES

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, dry foam powder or normal foam can be used.

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

6. ACCIDENTAL RELEASE MEASURES

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.

7. HANDLING AND STORAGE

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Exposure standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m3	ppm	mg/m3
Xylene	SWA (AUS)	80	--	150	--

Biological limits

Ingredient	Determinant	Sampling Time	BEI
XYLENE	Methylhippuric acids in urine	End of shift	1.5g/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

Eyes / 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 A-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

Appearance	COLOURED LIQUID
Odour	SOLVENT ODOUR
Flammability	FLAMMABLE
Flash point	31°C
Boiling point	149°C to 160°C
Melting point	NOT AVAILABLE
Evaporation rate	NOT AVAILABLE
pH	NOT APPLICABLE
Vapour density	NOT AVAILABLE
Specific gravity	1.3 to 1.45
Solubility (water)	INSOLUBLE
Vapour pressure	0.429 kPa @20°C
Upper explosion limit	7.0%
Lower explosion limit	0.6%
Partition coefficient	NOT AVAILABLE
Autoignition temperature	>200°C
Decomposition temperature	NOT AVAILABLE
Viscosity	>450 cSt @ 25°C
Explosive properties	NOT AVAILABLE

Oxidising properties	NOT AVAILABLE
Odour Threshold	NOT AVAILABLE

9.2 Other information

% Volatiles	20% to 35%
Density	1.3g/ml to 1.45g/ml @ 25°C

10. STABILITY AND REACTIVITY

10.1 Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

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 in composition.

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)
NAPTHA (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)	--

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	Insufficient data available to classify as a carcinogen.
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	Not classified as causing organ damage from repeated exposure. However, repeated exposure to some solvents have been reported to cause adverse effects to the central nervous system (CNS), liver and kidney.
Aspiration	This product does not present an aspiration hazard.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Based on data for similar components or preparations, this product is expected to be toxic to aquatic organisms. Long term adverse effects to aquatic organisms are possible if continuous exposure is maintained.

12.2 Persistance and degradability

As the substance is not readily biodegradable, long term retention times in water are to be expected. This applies only in cases where no other elimination mechanisms (photo degradation, hydrolysis, and adsorption) are active. However, there is no eco-toxic effect, no damage to the ecosystem is to be expected.

12.3 Bioaccumulative potential

No Information provided.

12.4 Mobility in soil

No Information provided.

12.5 Other adverse effects

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

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 Hazard

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
Risk Phrases	R10	Flammable
	R37	Irritating to respiratory system.
	R43	May cause sensitisation by skin contact.
	R67	Vapours may cause drowsiness and dizziness.
Safety Phrases	S16	Keep away from sources of ignition – No smoking.
	S23	Do not breathe vapour.
	S33	Take precautionary measures against static discharge.
	S36/37	Wear suitable protective clothing and gloves.
	S38	In case of insufficient ventilation, wear suitable respiratory equipment.
Inventory listing(s)	AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS, or are exempt.	

16.OTHER INFORMATION

The information contained in this data sheet is based on current knowledge and experience. The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by Luxury Paints, and to recommend precautionary measures for the storage and handling of the product.

This Safety Data Sheet replaces all previous information.

The above details do not imply any guarantee concerning composition, properties or performance.

Reason for revision: Alignment to GHS format.
Revised and valid from: see Date of Issue.
References:
Raw Material Data Sheets
https://cfpub.epa.gov/ecotox/quick_query.htm
http://chem.sis.nlm.nih.gov/chemidplus
Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Fourth Revised Edition.
United Nations. New York and Geneva, 2011