



1. IDENTIFICATION OF THE MATERIAL SUPPLIER

1.1 Product Identifier

Product Name: QD XTREME ENAMEL
Product Code: 66, 67, 68 SERIES
Product Line: 66XX04, 66XX20, 67XX04, 67XX20, 68XX04, 68XX20 where XX represents digits for colour codes.

1.2 Uses and uses advised against

Uses(s) METAL COATING • SOLVENT-BORNE PAINT
High performance, industrial, coloured coating.

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 IDENTIFICATION

2.1 Classification of the substance or mixture

GHS classification(s)
2.2 Label elements Flammable Liquids: Category 2
Acute Toxicity: Skin: Category 5
Skin Corrosion/Irritation: Category 2
Skin Sensitisation: Category 1
Specific Target Organ Systemic Toxicity (Single Exposure): Category 3
Toxic to Reproduction: Category 1
Signal word DANGER
Pictogram(s)



Hazard statement(s)

H225 Highly flammable liquid and vapour.
H313 May be harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H360 May damage fertility or the unborn child.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements for Prevention:

- P201 Obtain special instructions before use.
- 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 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.
- 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.

Precautionary Statements for Responses:

- P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin water/shower.
- P304 + P340 Call a POISON CENTER or doctor/physician if you feel unwell.
- P312 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321 Specific treatment is advised - see first aid instructions.
- P313 + P3332+P337 If skin or eye irritation occurs: Get medical advice/ attention.
- P362 Take off contaminated clothing and wash before re-use.
- P370 + P378 In case of fire: Use appropriate media for extinction.

Precautionary statements for storage:

- P235, 403 Store in a well ventilated place. Keep cool.
- P405 Store locked up

Precautionary Statement for disposal:

- P501 Dispose off contents /container in accordance with local, regional, national and international regulations.

2.3 Other Hazards

Poisons Schedule Australia: S5 (Caution)

3. COMPOSITION/ INFORMATION OF INGREDIENTS

3.1 Substances / Mixtures

| Ingredient | CAS Number | EC Number | Weight % |
|--|---------------|---------------|-----------|
| XYLENE | 1330-20-7 | 215-535-7 | 25 to 40 |
| SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPHATIC | 64742-89-8 | 265-192-2 | 5 to 10 |
| TOLUENE | 108-88-3 | 203-625-9 | 5 to 10 |
| METHYL ETHYL KETOXIME | 96-29-7 | 202-496-6 | <1 |
| ALKYD RESIN(S) | - | - | 40 to 60 |
| 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. Seek medical attention without delay.

| | |
|------------|--|
| Inhalation | Remove from contaminated area. Apply artificial respiration if not breathing. Do not give direct mouth-to-mouth resuscitation. To protect rescuer, use air-viva, oxy-viva or one-way mask. Resuscitate in a well-ventilated area. Seek medical attention immediately. |
| Skin | If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Seek medical attention if there is irritation. |
| Ingestion | For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting. Rinse mouth with water. |

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

Highly flammable. May evolve carbon oxides and hydrocarbons when heated to decomposition. Eliminate all ignition sources including cigarettes, open flames, spark producing switches/tools, pilot lights, heaters, naked 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

- 3YE
- 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.
- E Evacuation of people in and around the immediate vicinity of the incident should be considered.

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. 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 absorbent material (sawdust, vermiculite, sand or similar), collect and place in suitable containers for disposal.

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

Observe good personal hygiene, including washing hands before eating. Prohibit eating and drinking in contaminated areas.

7.2 Conditions for safe storage, including any incompatibilities

Store tightly sealed in a cool, dry, well-ventilated area, removed from heat and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

| Exposure standards | TWA | | STEL | | Reference |
|--------------------|-----|-------------------|------|-------------------|-----------|
| | ppm | mg/m ³ | ppm | mg/m ³ | |
| Ingredient | | | | | |
| Xylene | 80 | | 150 | | SWA |
| Toluene | 50 | 191 | 150 | 574 | SWA |

Biological limits

| Ingredient | Determinant | Sampling Time | BEI |
|------------|-------------------------------|---------------------------------|--------------------|
| TOLUENE | o-Cresol in urine | End of shift | 0.02 mg/L |
| | Toluene in urine | End of shift | 0.03 mg/L |
| | Toluene in blood | Prior to last shift of workweek | 0.02 mg/L |
| 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 B OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES

Eyes / Face Wear splash-proof goggles.

Hands Wear PVA or Viton (R) gloves.

Body Wear coveralls

Respiratory If spraying, wear a Type A-ClassP1 (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

Information on basic physical and chemical properties

| | |
|-------------------------------|------------------|
| Appearance | COLOURED LIQUID |
| Odour | SOLVENT ODOUR |
| Flammability | FLAMMABLE |
| Flash point | 4°C |
| Boiling point | 110°C to 190°C |
| Vapour density | NOT AVAILABLE |
| Specific gravity ⁰ | 1.05 to 1.2 |
| Solubility (water) | INSOLUBLE |
| Vapour pressure | 0.429 kPa @ 20°C |
| Upper explosion limit | 7.0 % |
| Lower explosion limit | 0.6 % |
| Autoignition temperature | > 200°C |
| Decomposition temperature | NOT AVAILABLE |
| Viscosity | > 200 cSt @ 25°C |
| % Volatiles | 45 % to 55 % |

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 Natural rubber, Butyl Rubber and Polystyrene.

10.6 Hazardous decomposition products

May evolve carbon oxides and hydrocarbons when heated to decomposition.

11. TOXICOLOGICAL INFORMATION

Information available for the ingredient(s):

| Ingredient | Oral Toxicity (LD50) | Dermal Toxicity (LD50) | Inhalation Toxicity (LC50) |
|-----------------------|----------------------|------------------------|----------------------------|
| XYLENE | 4300 mg/kg (rat) | > 1700 mg/kg (rabbit) | 4330–5984 ppm/6 hours |
| TOLUENE | 636 mg/kg (rat) | 14100 µL/kg (rabbit) | 400 ppm/24 hours |
| METHYL ETHYL KETOXIME | 930 mg/kg (rat) | 200 uL/kg (rabbit) | -- |

Acute toxicity

| | |
|------|--|
| Skin | May be harmful in contact with 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 sensitiser. | May cause an allergic skin reaction. This product is not classified as a respiratory sensitiser. |
| Mutagenicity | Not classified as a mutagen. |
| Carcinogenicity | Not classified as a carcinogen. |
| Reproductive | Over exposure to toluene may damage fertility or the unborn child. |
| STOT - single exposure difficulties and | Over exposure may result in irritation of the nose and throat, coughing, nausea and headache. High level exposure may result in dizziness, drowsiness, breathing unconsciousness. |
| STOT - repeated exposure kidney | Repeated exposure to toluene may result in central nervous system (CNS), liver and damage. |
| 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 Persistence and degradability

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, and adsorption) are active. However, as there is no eco-toxic effect, no damage to the ecosystem is to be expected.

12.3 Bioaccumulative potential No information available.

12.4 Mobility in soil No information available.

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 | II | II | II |

14.5 Environmental hazards Hydrocarbon solvents in the product are classified as Marine Pollutants.
14.6 Special precautions for user
Hazchem code •3YE
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 Repr. Reproductive toxin Xi Irritant Xn Harmful |
| Risk phrases | R11 Highly flammable. R37/38 Irritating to respiratory system and skin. R43 May cause sensitisation by skin contact. R60 May impair fertility. R61 May cause harm to the unborn child. R67 Vapours may cause drowsiness and dizziness. |
| Safety phrases | S16 Keep away from sources of ignition - No smoking. S24/25 Avoid contact with skin and eyes. S29 Do not empty into drains. S33 Take precautionary measures against static discharges. 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: Re-checking 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.

Abbreviations:

ADG Code The Australian Dangerous Goods for the Transport of Dangerous Goods by Road and Rail

AICS Australia Inventory of Chemical Substances

CAS Number Chemical Abstract Service Number. Unique for each chemical.

BEI Biological Exposure Index

| | |
|--------------------------|--|
| EC No | European Community Number |
| EPA | Environmental Protection Agency |
| GHS | Globally Harmonised 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 Concentration |
| mg/cm³ | milligram per cubic metre |
| OEL | Occupational Exposure Limit |
| ppm | Parts per million |
| STEL | Short Term Exposure Limit |
| SUSMP | Standard for the Uniform Scheduling of Medicines and Poisons |
| TSCA | Toxic Substances Control Act |
| TWA | Time Weighted Average |