

NZ: ENGLISH

## SAFETY DATA SHEET

### Section 1. Identification

Product identifier : 1250050144

Product name : Imron® Marine Large Surface Thinner

Date of issue : 16 July 2025

Version : 2

Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Solvent.

**Uses advised against** : Not for sale to or use by consumers.

Supplier's details : Axalta Coating Systems Australia Pty Limited

16 Darling Street, Marsden Park NSW 2765, Australia

Importer: Resene Automotive & Light Industrial

4 Te Apunga Place, Mt Wellington, Auckland, New Zealand

Telephone: +64 (09) 259 2738

**Product information** : +61 (0)2 8818 4300

**Emergency telephone** 

number

: +(64) 9801 0034 NZ Poisons Information Center: 0800 764 766 or +(64) 3 479 7248

# Section 2. Hazards identification

This material is classified as hazardous according to criteria in the Hazardous Substances (Hazard Classification) Notice 2020.

This material is classified as DANGEROUS GOODS according to criteria in New Zealand Standard 5433:2012 Transport of Dangerous Goods on Land.

**HSNO Classification** : FLAMMABLE LIQUIDS - Category 3

SKIN IRRITATION - Category 2
EYE IRRITATION - Category 2
CARCINOGENICITY - Category 2

REPRODUCTIVE TOXICITY - Category 2

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Narcotic effects) -

Category 3

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2

ASPIRATION HAZARD - Category 1

LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3

**GHS label elements** 

Symbol :







Signal word : Danger

## Section 2. Hazards identification

#### Hazard statements

: Flammable liquid and vapour.

May be fatal if swallowed and enters airways.

Causes skin irritation.

Causes serious eve irritation. May cause drowsiness or dizziness. Suspected of causing cancer.

Suspected of damaging fertility or the unborn child.

May cause damage to organs through prolonged or repeated exposure.

Harmful to aquatic life with long lasting effects.

#### **Precautionary statements**

#### Prevention

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use only outdoors or in a wellventilated area. Avoid release to the environment. Do not breathe vapour. Wash hands thoroughly after handling. Wear protective gloves, protective clothing and eye or face protection.

#### Response

: IF exposed or concerned: Get medical advice or attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

### Storage

: Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Disposal

: Dispose of contents and container in accordance with all local, regional, national

and international regulations.

Other hazards which do not : None known. result in classification

# Section 3. Composition/information on ingredients

#### Substance/mixture : Mixture

| Ingredient name                          | % (w/w)  | CAS number |
|--|----------|------------|
| 2-butoxyethyl acetate                    | 10 - <30 | 112-07-2   |
| Propanol, 1(or 2)-ethoxy-, acetate       | 10 - <30 | 98516-30-4 |
| Solvent naphtha (petroleum), light arom. | 10 - <30 | 64742-95-6 |
| xylene                                   | 10 - <30 | 1330-20-7  |
| ethyl acetate                            | 5 - <10  | 141-78-6   |
| n-butyl acetate                          | 5 - <10  | 123-86-4   |
| 1,2,4-trimethylbenzene                   | 5 - <10  | 95-63-6    |
| ethylbenzene                             | 3 - <5   | 100-41-4   |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

#### Description of necessary first aid measures

Inhalation

: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Ingestion

: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact

: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Eye contact

: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

#### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

Inhalation : Can cause central nervous system (CNS) depression. May cause drowsiness or

dizziness.

**Ingestion**: Can cause central nervous system (CNS) depression. May be fatal if swallowed

and enters airways.

**Skin contact**: Causes skin irritation.

**Eye contact** : Causes serious eye irritation.

### Over-exposure signs/symptoms

**Inhalation** : Adverse symptoms may include the following:

nausea or vomiting

headache

drowsiness/fatigue dizziness/vertigo unconsciousness reduced foetal weight increase in foetal deaths skeletal malformations

**Ingestion** : Adverse symptoms may include the following:

nausea or vomiting reduced foetal weight increase in foetal deaths skeletal malformations

# Section 4. First aid measures

Skin : Adverse symptoms may include the following:

> irritation redness

reduced foetal weight increase in foetal deaths skeletal malformations

**Eyes** : Adverse symptoms may include the following:

> pain or irritation watering redness

Indication of immediate medical attention and special treatment needed, if necessary

Specific treatments : Not available.

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large

quantities have been ingested or inhaled.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it

is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person

providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

# Section 5. Firefighting measures

#### Extinguishing media

Suitable : Use dry chemical, CO2, water spray (fog) or foam.

Not suitable : Do not use water jet.

Specific hazards arising from the chemical

: Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and

prevented from being discharged to any waterway, sewer or drain. **Hazardous thermal** : Decomposition products may include the following materials:

> carbon dioxide carbon monoxide

Hazchem code : •3Y

Special precautions for firefighters

decomposition products

: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk.

Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

## Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- **Environmental precautions**
- : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

#### Methods and material for containment and cleaning up

Small spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

# Section 7. Handling and storage

Precautions for safe handling

: Put on appropriate personal protective equipment (see Section 8). Avoid exposure obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapour or mist. Do not swallow. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.

Conditions for safe storage, including any incompatibilities

: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

# Section 8. Exposure controls/personal protection

#### **Control parameters**

#### Occupational exposure limits

| Ingredient name        | Exposure limits   |
|------------------------|---|
| 2-butoxyethyl acetate  | ACGIH TLV (United States, 1/2024) A3.                       |
|                        | TWA 8 hours: 20 ppm.  |
| xylene                 | HSWA 2015 - HSW (GRWM) 2016. Workplace                      |
|                        | exposure standards (WES) (New Zealand, 11/2023)             |
|                        | [xylene (o-, m-, p-isomers)] Ototoxicant.                   |
|                        | WES-TWA 8 hours: 50 ppm.                                    |
|                        | WES-TWA 8 hours: 217 mg/m <sup>3</sup> .                    |
| ethyl acetate          | HSWA 2015 - HSW (GRWM) 2016. Workplace                      |
|                        | exposure standards (WES) (New Zealand, 11/2023)             |
|                        | WES-TWA 8 hours: 200 ppm.                                   |
|                        | WES-TWA 8 hours: 720 mg/m³.                                 |
| n-butyl acetate        | HSWA 2015 - HSW (GRWM) 2016. Workplace                      |
|                        | exposure standards (WES) (New Zealand, 11/2023)             |
|                        | WES-TWA 8 hours: 150 ppm.                                   |
|                        | WES-TWA 8 hours: 713 mg/m³. WES-STEL 15 minutes: 950 mg/m³. |
|                        | WES-STEL 15 minutes: 200 ppm.                               |
| 1,2,4-trimethylbenzene | HSWA 2015 - HSW (GRWM) 2016. Workplace                      |
| 1,2,4-uinteuryibenzene | exposure standards (WES) (New Zealand, 11/2023)             |
|                        | [Trimethyl benzene]   |
|                        | WES-TWA 8 hours: 25 ppm.                                    |
|                        | WES-TWA 8 hours: 123 mg/m³.                                 |
| ethylbenzene           | HSWA 2015 - HSW (GRWM) 2016. Workplace                      |
| Guryibonzono           | exposure standards (WES) (New Zealand, 11/2023)             |
|                        | Absorbed through skin, Ototoxicant.                         |
|                        | WES-TWA 8 hours: 20 ppm.                                    |
|                        | WES-TWA 8 hours: 88 mg/m³.                                  |
|                        | WES-STEL 15 minutes: 176 mg/m³.                             |
|                        | WES-STEL 15 minutes: 40 ppm.                                |

# Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

# Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### **Individual protection measures**

#### **Hygiene measures**

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

# Section 8. Exposure controls/personal protection

Respiratory protection

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

**Hand protection** 

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Eye protection

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn. unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

# Section 9. Physical and chemical properties

**Appearance** 

**Physical state** : Liquid. Colour : Clear.

Odour : Not available. **Odour threshold** : Not available. Ha : Not applicable.

**Melting point** : Technically not possible to measure

**Boiling point** : 70 to 200°C (158 to 392°F) Flash point : Closed cup: 27°C (80.6°F)

**Evaporation rate** : Not available. Flammability (solid, gas) : Not available. Lower and upper explosive : Lower: 0.7% Upper: 11.4% (flammable) limits

: 1.3 kPa (9.59 mm Hg) Vapour pressure

Vapour density : Not available. **Density** : 0.906 g/cm3

Solubility(ies)

Not available.

Partition coefficient: n-

octanol/water

: Not applicable.

**Auto-ignition temperature** 

: 280°C (536°F) **Decomposition temperature**: Not applicable.

# Section 9. Physical and chemical properties

: Dynamic (room temperature): Not available. **Viscosity** 

Kinematic (room temperature): Not available.

Kinematic (40°C (104°F)): <20.5 mm<sup>2</sup>/s (<20.5 cSt)

Flow time (ISO 2431) : Not available.

# Section 10. Stability and reactivity

Chemical stability : The product is stable.

Possibility of hazardous

reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : Avoid all possible sources of ignition (spark or flame). Do not pressurise, cut, weld,

braze, solder, drill, grind or expose containers to heat or sources of ignition.

Incompatible materials : Reactive or incompatible with the following materials:

oxidising materials

Hazardous decomposition

products

: Under normal conditions of storage and use, hazardous decomposition products

should not be produced.

# Section 11. Toxicological information

#### Information on likely routes of exposure

Inhalation : Can cause central nervous system (CNS) depression. May cause drowsiness or

dizziness.

Ingestion : Can cause central nervous system (CNS) depression. May be fatal if swallowed

and enters airways.

Skin contact : Causes skin irritation.

Eye contact : Causes serious eye irritation.

#### Symptoms related to the physical, chemical and toxicological characteristics

Inhalation : Adverse symptoms may include the following:

nausea or vomiting

headache

drowsiness/fatique dizziness/vertigo unconsciousness reduced foetal weight increase in foetal deaths skeletal malformations

Ingestion : Adverse symptoms may include the following:

> nausea or vomiting reduced foetal weight increase in foetal deaths skeletal malformations

Skin contact : Adverse symptoms may include the following:

> irritation redness

reduced foetal weight increase in foetal deaths skeletal malformations

# Section 11. Toxicological information

**Eye contact**: Adverse symptoms may include the following:

pain or irritation watering redness

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### **Acute toxicity**

| Product/ingredient name      | Result                 | Species     | Dose                    | Exposure |
|------------------------------|------------------------|-------------|-------------------------|----------|
| 2-butoxyethyl acetate        | LC50 Inhalation Vapour | Rat         | 7.82 mg/l               | 4 hours  |
| , ,                          | LD50 Dermal            | Rabbit      | 1500 mg/kg              | -        |
|                              | LD50 Oral              | Rat - Male, | 1880 mg/kg              | -        |
|                              |                        | Female      |                         |          |
| Solvent naphtha (petroleum), | LD50 Dermal            | Rabbit      | 3492 mg/kg              | -        |
| light arom.                  |                        |             |                         |          |
|                              | LD50 Oral              | Rat         | 8400 mg/kg              | -        |
| xylene                       | LC50 Inhalation Gas.   | Rat         | 5000 ppm                | 4 hours  |
| •                            | LD50 Oral              | Rat         | 4300 mg/kg              | -        |
| ethyl acetate                | LC50 Inhalation Vapour | Rat         | 22.6 mg/l               | 4 hours  |
| •                            | LD50 Dermal            | Rabbit      | 20001 mg/kg             | -        |
|                              | LD50 Oral              | Rat         | 5620 mg/kg              | -        |
| n-butyl acetate              | LC50 Inhalation Vapour | Rat         | 21.1 mg/l               | 4 hours  |
| •                            | LD50 Dermal            | Rabbit      | >17600 mg/kg            | -        |
|                              | LD50 Oral              | Rat         | 10768 mg/kg             | -        |
| 1,2,4-trimethylbenzene       | LC50 Inhalation Vapour | Rat         | 18000 mg/m <sup>3</sup> | 4 hours  |
| -                            | LD50 Oral              | Rat         | 5 g/kg                  | _        |
| ethylbenzene                 | LD50 Dermal            | Rabbit      | >5000 mg/kg             | _        |
| -                            | LD50 Oral              | Rat         | 3500 mg/kg              | _        |

### Irritation/Corrosion

| Product/ingredient name | Result                   | Species | Score | Exposure      | Observation |
|-------------------------|--------------------------|---------|-------|---------------|-------------|
| xylene                  | Eyes - Mild irritant     | Rabbit  | -     | 87 mg         | -           |
|                         | Eyes - Severe irritant   | Rabbit  | -     | 24 hours 5    | -           |
|                         |                          |         |       | mg            |             |
|                         | Skin - Mild irritant     | Rat     | -     | 8 hours 60 uL | -           |
|                         | Skin - Moderate irritant | Rabbit  | -     | 100 %         | -           |
|                         | Skin - Moderate irritant | Rabbit  | -     | 24 hours 500  | -           |
|                         |                          |         |       | mg            |             |
| ethylbenzene            | Skin - Mild irritant     | Rabbit  | -     | 24 hours 15   | -           |
|                         |                          |         |       | mg            |             |

### **Sensitisation**

Not available.

#### Potential chronic health effects

**General**: May cause damage to organs through prolonged or repeated exposure.

Inhalation: No known significant effects or critical hazards.Ingestion: No known significant effects or critical hazards.Skin contact: No known significant effects or critical hazards.Eye contact: No known significant effects or critical hazards.

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# Section 11. Toxicological information

Carcinogenicity : Suspected of causing cancer. Risk of cancer depends on duration and level of

exposure.

**Mutagenicity** : No known significant effects or critical hazards.

**Teratogenicity**: Suspected of damaging the unborn child.

**Developmental effects**: No known significant effects or critical hazards.

Fertility effects : Suspected of damaging fertility.

**Chronic toxicity** 

Not available.

Carcinogenicity

Not available.

**Mutagenicity** 

Not available.

**Teratogenicity** 

Not available.

**Reproductive toxicity** 

Not available.

### Specific target organ toxicity

| Name                   | Category   | Route of exposure | Target organs |
|------------------------|------------|-------------------|---------------|
| 2-butoxyethyl acetate  | Category 2 | -                 | -             |
| xylene                 | Category 2 | -                 | -             |
| ethyl acetate          | Category 2 | -                 | -             |
| 1,2,4-trimethylbenzene | Category 2 | -                 | -             |
| ethylbenzene           | Category 2 | -                 | -             |

#### **Aspiration hazard**

#### Name

Solvent naphtha (petroleum), light arom.

### **Numerical measures of toxicity**

#### **Acute toxicity estimates**

| Route                | ATE value     |
|----------------------|---------------|
| Oral                 | 2667.87 mg/kg |
| Dermal               | 3636.84 mg/kg |
| Inhalation (vapours) | 28.03 mg/l    |

# Section 12. Ecological information

### **Ecotoxicity**

: This material is harmful to aquatic life with long lasting effects.

### **Aquatic and terrestrial toxicity**

| Product/ingredient name | Result                             | Species                                     | Exposure |
|-------------------------|------------------------------------|---|----------|
| 2-butoxyethyl acetate   | Chronic LC50 11 mg/l               | Fish  | 96 hours |
| xylene                  | EC50 3.82 mg/l                     | Crustaceans - Penaeus monodon               | 48 hours |
|                         | Acute LC50 13.4 mg/l Fresh water   | Fish - Pimephales promelas                  | 96 hours |
| ethyl acetate           | Acute EC50 2500 mg/l Fresh water   | Algae - Selenastrum sp.                     | 96 hours |
|                         | Acute LC50 750 mg/l Fresh water    | Crustaceans - Gammarus pulex                | 48 hours |
|                         | Acute LC50 154 mg/l Fresh water    | Daphnia - <i>Daphnia cucullata</i>          | 48 hours |
|                         | Acute LC50 212.5 mg/l Fresh water  | Fish - Heteropneustes fossilis              | 96 hours |
|                         | Chronic NOEC 2.4 mg/l Fresh water  | Daphnia - <i>Daphnia magna</i>              | 21 days  |
|                         | Chronic NOEC 75.6 mg/l Fresh water | Fish - <i>Pimephales promelas</i> - Embryo  | 32 days  |
| n-butyl acetate         | Acute LC50 185 ppm Marine water    | Fish - Menidia beryllina                    | 96 hours |
| 1,2,4-trimethylbenzene  | Acute LC50 4910 μg/l Marine water  | Crustaceans - Elasmopus pectenicrus - Adult | 48 hours |
|                         | Acute LC50 7720 μg/l Fresh water   | Fish - Pimephales promelas                  | 96 hours |
| ethylbenzene            | Acute EC50 4600 µg/l Fresh water   | Algae - Raphidocelis subcapitata            | 72 hours |
| _                       | Acute EC50 3600 µg/l Fresh water   | Algae - Raphidocelis subcapitata            | 96 hours |
|                         | Acute LC50 13.3 mg/l Marine water  | Crustaceans - Artemia sp<br>Nauplii         | 48 hours |
|                         | Acute LC50 13.9 mg/l Fresh water   | Daphnia - <i>Daphnia magna</i> - Neonate    | 48 hours |

## Persistence/degradability

| Product/ingredient name | Test       | Result                    | Dose | Inoculum |
|-------------------------|------------|---------------------------|------|----------|
| 2-butoxyethyl acetate   | -          | >60 % - Readily - 28 days | -    | -        |
| xylene                  | OECD 301 F | 90 % - 28 days            | -    | -        |

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| 2-butoxyethyl acetate   | -                 | -          | Readily          |
| xylene                  | -                 | -          | Readily          |

### **Bioaccumulative potential**

| Product/ingredient name                  | LogPow | BCF         | Potential |
|--|--------|-------------|-----------|
| 2-butoxyethyl acetate                    | 1.51   | -           | Low       |
| Propanol, 1(or 2)-ethoxy-, acetate       | 0.76   | -           | Low       |
| Solvent naphtha (petroleum), light arom. | -      | 10 to 2500  | High      |
| xylene                                   | 3.12   | 8.1 to 25.9 | Low       |
| ethyl acetate                            | 0.68   | 30          | Low       |
| n-butyl acetate                          | 2.3    | -           | Low       |
| 1,2,4-trimethylbenzene                   | 3.63   | 243         | Low       |
| ethylbenzene                             | 3.6    | -           | Low       |

### **Mobility in soil**

# Section 12. Ecological information

Soil/water partition

Other adverse effects

: Not available.

coefficient

: No known significant effects or critical hazards.

# Section 13. Disposal considerations

Disposal methods

: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and

# Section 14. Transport information

|                            | New Zealand Class (5433) | IMDG                   | IATA   |
|----------------------------|--------------------------|------------------------|--|
| UN number                  | UN1263                   | UN1263                 | UN1263   |
| UN proper shipping name    | PAINT RELATED MATERIAL   | PAINT RELATED MATERIAL | PAINT RELATED MATERIAL   |
| Transport hazard class(es) | 3                        | 3                      | 3  |
| Packing group              | III                      | III                    | III  |
| Environmental hazards      | No.                      | No.                    | Yes. The environmentally hazardous substance mark is not required. |

### Additional information

**New Zealand** : Hazchem code •3Y

Hazchem code : •3Y

Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in

the event of an accident or spillage.

# **Section 14. Transport information**

Transport in bulk according : Not available.

to IMO instruments

The actual shipping description for this product may vary based several factors including, but not limited to, the volume of material, size of the container, mode of transport and use of exemptions or exceptions found in the applicable regulations. The information provided in Section 14 is one possible shipping description for this product. Consult your shipping specialist or supplier for appropriate assignment information.

# Section 15. Regulatory information

HSNO Approval Number : HSR002669

HONO One of the dead

**HSNO Group Standard**: Surface Coatings and Colourants (Flammable, Carcinogenic) Group Standard 2020

**HSNO Classification** : FLAMMABLE LIQUIDS - Category 3

SKIN IRRITATION - Category 2 EYE IRRITATION - Category 2 CARCINOGENICITY - Category 2

REPRODUCTIVE TOXICITY - Category 2

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE (Narcotic effects) -

Category 3

SPEČIFÍC TARGET ORGAN TOXICITY - REPEATED EXPOSURE - Category 2

ASPIRATION HAZARD - Category 1

LONG-TERM (CHRONIC) AQUATIC HAZARD - Category 3

## Section 16. Other information

**History** 

Date of issue : 16 July 2025

Version : 2

**Prepared by** Product stewardship and regulatory compliance.

**Key to abbreviations** : ACGIH = Association Advancing Occupational and Environmental Health

ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HSWA = Health and Safety at Work Act 2015 IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships,

1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

TLV = Threshold Limit Value

WES = Workplace Exposure Standards

Indicates information that has changed from previously issued version.

### Notice to reader

## Section 16. Other information

This product is intended for industrial use only.

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