

# RESENE IMPERITE I.F. 503 BASE

## Resene Paints Ltd

Version No: 1.1  
Safety Data Sheet according to HSNO Regulations

Issue Date: **23/03/2018**  
Print Date: **23/03/2018**  
L.GHS.NZLEN

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

### Product Identifier

|                               |  |
|-------------------------------|--|
| Product name                  | RESENE IMPERITE I.F. 503 BASE  |
| Synonyms                      | Incl. Clear, White, Ultra Deep, Industrial red, Industrial Yellow, Magenta, Intense Red, Blast Grey, Silver Aluminium, Medium Aluminium  |
| Proper shipping name          | PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound) |
| Other means of identification | Not Available  |

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

|                          |  |
|--------------------------|--|
| Relevant identified uses | 6833, 7599, 8277, 8526, 8527, 8582, 8859, 8910, 9018, 9962 |
|--------------------------|--|

### Details of the supplier of the safety data sheet

|                         |   |
|-------------------------|---|
| Registered company name | Resene Paints Ltd                                     |
| Address                 | 32-50 Vogel Street 5011 Naenae Wellington New Zealand |
| Telephone               | +64 4 577 0500  |
| Fax                     | +64 4 5773327   |
| Website                 | www.resene.co.nz                                      |
| Email                   | advice@resene.co.nz                                   |

### Emergency telephone number

|                                   |                          |
|-----------------------------------|--------------------------|
| Association / Organisation        | NZ POISONS (24hr 7 days) |
| Emergency telephone numbers       | 0800 764766              |
| Other emergency telephone numbers | Not Available            |

### CHEMWATCH EMERGENCY RESPONSE

| Primary Number | Alternative Number 1 | Alternative Number 2 |
|----------------|----------------------|----------------------|
| +800 2436 2255 | +800 2436 2255       | +612 9186 1132       |

Once connected and if the message is not in your preferred language then please dial 01

## SECTION 2 HAZARDS IDENTIFICATION

### Classification of the substance or mixture

|   |  |
|---|--|
| Classification <sup>[1]</sup>                   | Flammable Liquid Category 3, Skin Corrosion/Irritation Category 2, Eye Irritation Category 2A, Carcinogenicity Category 2, Reproductive Toxicity Category 2, Specific target organ toxicity - single exposure Category 3 (respiratory tract irritation), Specific target organ toxicity - repeated exposure Category 2, Acute Aquatic Hazard Category 2, Chronic Aquatic Hazard Category 3 |
| Legend:   | 1. Classified by Chemwatch; 2. Classification drawn from CCID EPA NZ; 3. Classification drawn from EC Directive 1272/2008 - Annex VI   |
| Determined by Chemwatch using GHS/HSNO criteria | 6.9 (respiratory), 9.1C, 6.7B, 6.4A, 6.9B, 6.3A, 9.1D, 6.8B, 3.1C  |

### Label elements

|                     |   |
|---------------------|---|
| Hazard pictogram(s) |  |
|---------------------|---|

SIGNAL WORD **WARNING**

### Hazard statement(s)

|      |                                |
|------|--------------------------------|
| H226 | Flammable liquid and vapour.   |
| H315 | Causes skin irritation.        |
| H319 | Causes serious eye irritation. |
| H351 | Suspected of causing cancer.   |

Continued...

|      |  |
|------|--|
| H361 | Suspected of damaging fertility or the unborn child.               |
| H335 | May cause respiratory irritation.                                  |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H401 | Toxic to aquatic life.   |
| H412 | Harmful to aquatic life with long lasting effects.                 |

**Precautionary statement(s) Prevention**

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

**Precautionary statement(s) Response**

|           |  |
|-----------|--|
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
|-----------|--|

**Precautionary statement(s) Storage**

|           |  |
|-----------|--|
| P403+P235 | Store in a well-ventilated place. Keep cool. |
|-----------|--|

**Precautionary statement(s) Disposal**

|      |   |
|------|---|
| P501 | Dispose of contents/container in accordance with local regulations. |
|------|---|

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS****Substances**

See section below for composition of Mixtures

Ingredients are required by the Hazard Substances (Identification) Regulations 2001 to be identified:

**Mixtures**

| CAS No    | %[weight] | Name                           |
|-----------|-----------|--------------------------------|
| 1330-20-7 | 1-10      | <u>xylene</u>                  |
| 100-41-4  | 1-10      | <u>ethylbenzene</u>            |
| 95-63-6   | 1-10      | <u>1,2,4-trimethyl benzene</u> |

**SECTION 4 FIRST AID MEASURES**

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

**Description of first aid measures**

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | <p>If this product comes in contact with the eyes:</p> <ul style="list-style-type: none"> <li>▶ Wash out immediately with fresh running water.</li> <li>▶ Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.</li> <li>▶ Seek medical attention if pain persists or recurs seek medical attention.</li> <li>▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>   |
| <b>Skin Contact</b> | <p>If skin contact occurs:</p> <ul style="list-style-type: none"> <li>▶ Immediately remove all contaminated clothing, including footwear.</li> <li>▶ Flush skin and hair with running water (and soap if available).</li> <li>▶ Seek medical attention in event of irritation.</li> </ul>  |
| <b>Inhalation</b>   | <p>If aerosols, fumes or combustion products are inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms develop seek medical attention.</p>   |
| <b>Ingestion</b>    | <ul style="list-style-type: none"> <li>▶ <b>If swallowed do NOT induce vomiting.</b></li> <li>▶ If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.</li> <li>▶ Observe the patient carefully.</li> <li>▶ Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</li> <li>▶ Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.</li> <li>▶ Seek medical advice.</li> </ul> |

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**SECTION 5 FIREFIGHTING MEASURES****Extinguishing media**

- ▶ Foam.

**Special hazards arising from the substrate or mixture**

|                             |   |
|-----------------------------|---|
| <b>Fire Incompatibility</b> | ▶ Avoid contamination with oxidising agents |
|-----------------------------|---|

**Advice for firefighters**

|                      |   |
|----------------------|---|
| <b>Fire Fighting</b> | ▶ Alert Fire Brigade and tell them location and nature of hazard. |
|----------------------|---|

|                              |   |
|------------------------------|---|
| <b>Fire/Explosion Hazard</b> | <ul style="list-style-type: none"> <li>▶ Liquid and vapour are flammable.</li> </ul> Combustion products include:<br>carbon monoxide (CO)<br>carbon dioxide (CO <sub>2</sub> )<br>other pyrolysis products typical of burning organic material. |
|------------------------------|---|

## SECTION 6 ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

See section 8

### Environmental precautions

See section 12

### Methods and material for containment and cleaning up

|                     |  |
|---------------------|--|
| <b>Minor Spills</b> | Contain spill with inert non-combustible absorbent then place in suitable container for disposal. Clean area with large quantity of water to complete clean-up.  |
| <b>Major Spills</b> | Remove all ignition sources. Clear area of personnel and move upwind. Wear appropriate personnel protective equipment and clothing to prevent exposure. Avoid breathing in mists or vapours and skin or eyes contact. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authority. |

Personal Protective Equipment advice is contained in Section 8 of the SDS.

## SECTION 7 HANDLING AND STORAGE

### Precautions for safe handling

|                          |   |
|--------------------------|---|
| <b>Safe handling</b>     | <ul style="list-style-type: none"> <li>▶ Containers, even those that have been emptied, may contain explosive vapours.</li> <li>▶ Electrostatic discharge may be generated during pumping - this may result in fire.</li> </ul> Avoid unnecessary personal contact. <ul style="list-style-type: none"> <li>▶ <b>DO NOT allow clothing wet with material to stay in contact with skin</b></li> </ul> |
| <b>Other information</b> | ▶ Store in original containers in approved flammable liquid storage area.   |

### Conditions for safe storage, including any incompatibilities

|                                |  |
|--------------------------------|--|
| <b>Suitable container</b>      | ▶ Packing as supplied by manufacturer. |
| <b>Storage incompatibility</b> | strong oxidisers                       |

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

#### OCCUPATIONAL EXPOSURE LIMITS (OEL)

#### INGREDIENT DATA

| Source   | Ingredient   | Material name                | TWA                             | STEL                            | Peak          | Notes         |
|--|--------------|------------------------------|---------------------------------|---------------------------------|---------------|---------------|
| New Zealand Workplace Exposure Standards (WES) | xylene       | Dimethylbenzene (see Xylene) | 217 mg/m <sup>3</sup> / 50 ppm  | Not Available                   | Not Available | Not Available |
| New Zealand Workplace Exposure Standards (WES) | ethylbenzene | Ethyl benzene                | 434 mg/m <sup>3</sup> / 100 ppm | 543 mg/m <sup>3</sup> / 125 ppm | Not Available | Not Available |

#### EMERGENCY LIMITS

| Ingredient              | Material name                            | TEEL-1                | TEEL-2                | TEEL-3                  |
|-------------------------|--|-----------------------|-----------------------|-------------------------|
| xylene                  | Xylenes                                  | Not Available         | Not Available         | Not Available           |
| ethylbenzene            | Ethyl benzene                            | Not Available         | Not Available         | Not Available           |
| 1,2,4-trimethyl benzene | Permafluor E+                            | 140 mg/m <sup>3</sup> | 360 mg/m <sup>3</sup> | 2,200 mg/m <sup>3</sup> |
| 1,2,4-trimethyl benzene | Trimethylbenzene, 1,2,4-; (Pseudocumene) | Not Available         | Not Available         | 480 ppm                 |

| Ingredient              | Original IDLH | Revised IDLH  |
|-------------------------|---------------|---------------|
| xylene                  | 900 ppm       | Not Available |
| ethylbenzene            | 800 [LEL] ppm | Not Available |
| 1,2,4-trimethyl benzene | Not Available | Not Available |

#### MATERIAL DATA

IFRA Prohibited Fragrance Substance

The International Fragrance Association (IFRA) Standards form the basis for the globally accepted and recognized risk management system for the safe use of fragrance ingredients and are part of the IFRA Code of Practice.

For trimethyl benzene as mixed isomers (of unstated proportions)

Odour Threshold Value: 2.4 ppm (detection)

Use care in interpreting effects as a single isomer or other isomer mix.

Exposed individuals are **NOT** reasonably expected to be warned, by smell, that the Exposure Standard is being exceeded.

for xylenes:

IDLH Level: 900 ppm

Odour Threshold Value: 20 ppm (detection), 40 ppm (recognition)


NOTE: Detector tubes for o-xylene, measuring in excess of 10 ppm, are available commercially.

for ethyl benzene:

Odour Threshold Value: 0.46-0.60 ppm

NOTE: Detector tubes for ethylbenzene, measuring in excess of 30 ppm, are commercially available.

## Exposure controls

|   |  |
|---|--|
| <b>Appropriate engineering controls</b> | Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. |
| <b>Personal protection</b>              |                       |
| <b>Eye and face protection</b>          | ▶ Safety glasses with side shields.  |
| <b>Skin protection</b>                  | See Hand protection below  |
| <b>Hands/feet protection</b>            | ▶ Wear chemical protective gloves, e.g. PVC.   |
| <b>Body protection</b>                  | See Other protection below   |
| <b>Other protection</b>                 | ▶ Overalls.  |
| <b>Thermal hazards</b>                  | Not Available  |

## Respiratory protection

Respiratory protection required in insufficiently ventilated working areas and during spraying.

An approved respirator with a replaceable vapour/ mist filter should be used. Refer to relevant regulations for further information concerning respiratory protective requirements. Reference should be made to AS/NZS 1715 Standard, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716 Standard, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|   |                                      |  |               |
|---|--------------------------------------|--|---------------|
| <b>Appearance</b>                                   | Dispersion with strong solvent odour |  |               |
| <b>Physical state</b>                               | Liquid                               | <b>Relative density (Water = 1)</b>            | 0.96-1.02     |
| <b>Odour</b>  | Not Available                        | <b>Partition coefficient n-octanol / water</b> | Not Available |
| <b>Odour threshold</b>                              | Not Available                        | <b>Auto-ignition temperature (°C)</b>          | 430           |
| <b>pH (as supplied)</b>                             | Not Available                        | <b>Decomposition temperature</b>               | Not Available |
| <b>Melting point / freezing point (°C)</b>          | Not Available                        | <b>Viscosity (cSt)</b>                         | Not Available |
| <b>Initial boiling point and boiling range (°C)</b> | 121-147                              | <b>Molecular weight (g/mol)</b>                | Not Available |
| <b>Flash point (°C)</b>                             | 23                                   | <b>Taste</b>                                   | Not Available |
| <b>Evaporation rate</b>                             | Not Available                        | <b>Explosive properties</b>                    | Not Available |
| <b>Flammability</b>                                 | Flammable.                           | <b>Oxidising properties</b>                    | Not Available |
| <b>Upper Explosive Limit (%)</b>                    | 7.1                                  | <b>Surface Tension (dyn/cm or mN/m)</b>        | Not Available |
| <b>Lower Explosive Limit (%)</b>                    | 1.0                                  | <b>Volatile Component (%vol)</b>               | 60            |
| <b>Vapour pressure (kPa)</b>                        | Not Available                        | <b>Gas group</b>                               | Not Available |
| <b>Solubility in water (g/L)</b>                    | Immiscible                           | <b>pH as a solution (1%)</b>                   | Not Available |
| <b>Vapour density (Air = 1)</b>                     | Not Available                        | <b>VOC g/L</b>                                 | 520-550       |

## SECTION 10 STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity</b>                         | See section 7   |
| <b>Chemical stability</b>                 | ▶ Unstable in the presence of incompatible materials. |
| <b>Possibility of hazardous reactions</b> | See section 7   |
| <b>Conditions to avoid</b>                | See section 7   |
| <b>Incompatible materials</b>             | See section 7   |
| <b>Hazardous decomposition products</b>   | See section 5   |

## SECTION 11 TOXICOLOGICAL INFORMATION

### Information on toxicological effects

## RESENE IMPERITE I.F. 503 BASE

|              |  |
|--------------|--|
| Inhaled      | Evidence shows, or practical experience predicts, that the material produces irritation of the respiratory system, in a substantial number of individuals, following inhalation.<br>The acute toxicity of inhaled alkylbenzenes is best described by central nervous system depression.<br><br>Headache, fatigue, lassitude, irritability and gastrointestinal disturbances (e.g., nausea, anorexia and flatulence) are the most common symptoms of xylene overexposure.   |
| Ingestion    | Swallowing of the liquid may cause aspiration of vomit into the lungs with the risk of haemorrhaging, pulmonary oedema, progressing to chemical pneumonitis; serious consequences may result.  |
| Skin Contact | Evidence exists, or practical experience predicts, that the material either produces inflammation of the skin in a substantial number of individuals following direct contact, and/or produces significant inflammation when applied to the healthy intact skin of animals, for up to four hours, such inflammation being present twenty-four hours or more after the end of the exposure period.<br>The material may accentuate any pre-existing dermatitis condition<br>Open cuts, abraded or irritated skin should not be exposed to this material<br>Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effects.  |
| Eye          | Evidence exists, or practical experience predicts, that the material may cause eye irritation in a substantial number of individuals and/or may produce significant ocular lesions which are present twenty-four hours or more after instillation into the eye(s) of experimental animals.   |
| Chronic      | On the basis, primarily, of animal experiments, concern has been expressed that the material may produce carcinogenic or mutagenic effects; in respect of the available information, however, there presently exists inadequate data for making a satisfactory assessment.<br>Repeated or long-term occupational exposure is likely to produce cumulative health effects involving organs or biochemical systems.<br>Long-term exposure to respiratory irritants may result in disease of the airways involving difficult breathing and related systemic problems.<br><br>Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.<br>Exposure to the material may cause concerns for human fertility, generally on the basis that results in animal studies provide sufficient evidence to cause a strong suspicion of impaired fertility in the absence of toxic effects, or evidence of impaired fertility occurring at around the same dose levels as other toxic effects, but which are not a secondary non-specific consequence of other toxic effects.<br>Prolonged or repeated contact with xylenes may cause defatting dermatitis with drying and cracking. |

|                               |  |   |
|-------------------------------|--|---|
| RESENE IMPERITE I.F. 503 BASE | TOXICITY   | IRRITATION  |
|                               | Not Available  | Not Available   |
| xylene                        | TOXICITY   | IRRITATION  |
|                               | Dermal (rabbit) LD50: >1700 mg/kg <sup>[2]</sup>       | Eye (human): 200 ppm irritant                                 |
|                               | Inhalation (rat) LC50: 4994.295 mg/l/4h <sup>[2]</sup> | Eye (rabbit): 5 mg/24h SEVERE                                 |
|                               | Oral (rat) LD50: 4300 mg/kg <sup>[2]</sup>             | Eye (rabbit): 87 mg mild<br>Skin (rabbit):500 mg/24h moderate |
| ethylbenzene                  | TOXICITY   | IRRITATION  |
|                               | Dermal (rabbit) LD50: >5000 mg/kg <sup>[2]</sup>       | Eye (rabbit): 500 mg - SEVERE                                 |
|                               | Inhalation (mouse) LC50: 17.75 mg/l/2h <sup>[2]</sup>  | Skin (rabbit): 15 mg/24h mild                                 |
| 1,2,4-trimethyl benzene       | TOXICITY   | IRRITATION  |
|                               | Inhalation (rat) LC50: 18 mg/l/4h <sup>[2]</sup>       | Not Available   |
|                               | Oral (rat) LD50: 3280 mg/kg <sup>[1]</sup>             |   |

**Legend:**

1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. \* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

|              |  |
|--------------|--|
| ETHYLBENZENE | The material may produce severe irritation to the eye causing pronounced inflammation.<br>The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic).<br>Ethylbenzene is readily absorbed following inhalation, oral, and dermal exposures, distributed throughout the body, and excreted primarily through urine.<br><b>NOTE:</b> Substance has been shown to be mutagenic in at least one assay, or belongs to a family of chemicals producing damage or change to cellular DNA.<br><br><b>WARNING:</b> This substance has been classified by the IARC as Group 2B: Possibly Carcinogenic to Humans.<br>Liver changes, uterine tract, effects on fertility, foetotoxicity, specific developmental abnormalities (musculoskeletal system) recorded. |
|--------------|--|

|                                   |   |                          |   |
|-----------------------------------|---|--------------------------|---|
| Acute Toxicity                    | ☉ | Carcinogenicity          | ✔ |
| Skin Irritation/Corrosion         | ✔ | Reproductivity           | ✔ |
| Serious Eye Damage/Irritation     | ✔ | STOT - Single Exposure   | ✔ |
| Respiratory or Skin sensitisation | ☉ | STOT - Repeated Exposure | ✔ |
| Mutagenicity                      | ☉ | Aspiration Hazard        | ☉ |

Legend: ✘ – Data available but does not fill the criteria for classification  
✔ – Data available to make classification

 - Data Not Available to make classification

## SECTION 12 ECOLOGICAL INFORMATION

### Toxicity

| RESENE IMPERITE I.F. 503<br>BASE | ENDPOINT | TEST DURATION (HR) | SPECIES       | VALUE         | SOURCE        |
|----------------------------------|----------|--------------------|---------------|---------------|---------------|
|                                  |          | Not Available      | Not Available | Not Available | Not Available |

| xylene | ENDPOINT | TEST DURATION (HR) | SPECIES                       | VALUE    | SOURCE |
|--------|----------|--------------------|-------------------------------|----------|--------|
|        | LC50     | 96                 | Fish                          | 2.6mg/L  | 2      |
|        | EC50     | 48                 | Crustacea                     | >3.4mg/L | 2      |
|        | EC50     | 72                 | Algae or other aquatic plants | 4.6mg/L  | 2      |
|        | NOEC     | 73                 | Algae or other aquatic plants | 0.44mg/L | 2      |

| ethylbenzene | ENDPOINT | TEST DURATION (HR) | SPECIES                       | VALUE      | SOURCE |
|--------------|----------|--------------------|-------------------------------|------------|--------|
|              | LC50     | 96                 | Fish                          | 0.0043mg/L | 4      |
|              | EC50     | 48                 | Crustacea                     | 1.184mg/L  | 4      |
|              | EC50     | 96                 | Algae or other aquatic plants | 3.6mg/L    | 4      |
|              | NOEC     | 168                | Crustacea                     | 0.96mg/L   | 5      |

| 1,2,4-trimethyl benzene | ENDPOINT | TEST DURATION (HR) | SPECIES   | VALUE       | SOURCE |
|-------------------------|----------|--------------------|-----------|-------------|--------|
|                         | LC50     | 96                 | Fish      | 7.72mg/L    | 2      |
|                         | EC50     | 48                 | Crustacea | ca.6.14mg/L | 1      |

**Legend:**

Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 (QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Do NOT allow product to come in contact with surface waters or to intertidal areas below the mean high water mark.

**DO NOT discharge into sewer or waterways.**

### Persistence and degradability

| Ingredient              | Persistence: Water/Soil     | Persistence: Air            |
|-------------------------|-----------------------------|-----------------------------|
| xylene                  | HIGH (Half-life = 360 days) | LOW (Half-life = 1.83 days) |
| ethylbenzene            | HIGH (Half-life = 228 days) | LOW (Half-life = 3.57 days) |
| 1,2,4-trimethyl benzene | LOW (Half-life = 56 days)   | LOW (Half-life = 0.67 days) |

### Bioaccumulative potential

| Ingredient              | Bioaccumulation    |
|-------------------------|--------------------|
| xylene                  | MEDIUM (BCF = 740) |
| ethylbenzene            | LOW (BCF = 79.43)  |
| 1,2,4-trimethyl benzene | LOW (BCF = 275)    |

### Mobility in soil

| Ingredient              | Mobility          |
|-------------------------|-------------------|
| ethylbenzene            | LOW (KOC = 517.8) |
| 1,2,4-trimethyl benzene | LOW (KOC = 717.6) |

## SECTION 13 DISPOSAL CONSIDERATIONS

### Waste treatment methods

| Product / Packaging disposal |  |
|------------------------------|--|
|                              | <ul style="list-style-type: none"> <li>▶ Containers may still present a chemical hazard/ danger when empty.</li> <li>▶ Legislation addressing waste disposal requirements may differ by country, state and/ or territory.</li> <li>▶ <b>DO NOT allow wash water from cleaning or process equipment to enter drains.</b></li> <li>▶ Recycle wherever possible.</li> </ul> |

Ensure that the hazardous substance is disposed in accordance with the Hazardous Substances (Disposal) Notice 2017

## SECTION 14 TRANSPORT INFORMATION

Continued...

## Labels Required

|                  |   |
|------------------|---|
|                  |  |
| Marine Pollutant | NO  |
| HAZCHEM          | *3Y   |

## Land transport (UN)

|                              |  |                    |               |                  |                |
|------------------------------|--|--------------------|---------------|------------------|----------------|
| UN number                    | 1263   |                    |               |                  |                |
| UN proper shipping name      | PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound) |                    |               |                  |                |
| Transport hazard class(es)   | <table border="1"> <tr> <td>Class</td> <td>3</td> </tr> <tr> <td>Subrisk</td> <td>Not Applicable</td> </tr> </table>   | Class              | 3             | Subrisk          | Not Applicable |
| Class                        | 3  |                    |               |                  |                |
| Subrisk                      | Not Applicable   |                    |               |                  |                |
| Packing group                | III  |                    |               |                  |                |
| Environmental hazard         | Not Applicable   |                    |               |                  |                |
| Special precautions for user | <table border="1"> <tr> <td>Special provisions</td> <td>163; 223; 367</td> </tr> <tr> <td>Limited quantity</td> <td>5 L</td> </tr> </table>  | Special provisions | 163; 223; 367 | Limited quantity | 5 L            |
| Special provisions           | 163; 223; 367  |                    |               |                  |                |
| Limited quantity             | 5 L  |                    |               |                  |                |

## Air transport (ICAO-IATA / DGR)

|   |   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
|---|---|--------------------|-------------|---------------------------------|----------------|-------------------------------|-------|--|-----|--|------|---|------|--|------|
| UN number   | 1263  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| UN proper shipping name                                   | Paint (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base); Paint related material (including paint thinning or reducing compounds)   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Transport hazard class(es)                                | <table border="1"> <tr> <td>ICAO/IATA Class</td> <td>3</td> </tr> <tr> <td>ICAO / IATA Subrisk</td> <td>Not Applicable</td> </tr> <tr> <td>ERG Code</td> <td>3L</td> </tr> </table>   | ICAO/IATA Class    | 3           | ICAO / IATA Subrisk             | Not Applicable | ERG Code                      | 3L    |  |     |  |      |   |      |  |      |
| ICAO/IATA Class   | 3   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| ICAO / IATA Subrisk                                       | Not Applicable  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| ERG Code  | 3L  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Packing group   | III   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Environmental hazard                                      | Not Applicable  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Special precautions for user                              | <table border="1"> <tr> <td>Special provisions</td> <td>A3 A72 A192</td> </tr> <tr> <td>Cargo Only Packing Instructions</td> <td>366</td> </tr> <tr> <td>Cargo Only Maximum Qty / Pack</td> <td>220 L</td> </tr> <tr> <td>Passenger and Cargo Packing Instructions</td> <td>355</td> </tr> <tr> <td>Passenger and Cargo Maximum Qty / Pack</td> <td>60 L</td> </tr> <tr> <td>Passenger and Cargo Limited Quantity Packing Instructions</td> <td>Y344</td> </tr> <tr> <td>Passenger and Cargo Limited Maximum Qty / Pack</td> <td>10 L</td> </tr> </table> | Special provisions | A3 A72 A192 | Cargo Only Packing Instructions | 366            | Cargo Only Maximum Qty / Pack | 220 L | Passenger and Cargo Packing Instructions | 355 | Passenger and Cargo Maximum Qty / Pack | 60 L | Passenger and Cargo Limited Quantity Packing Instructions | Y344 | Passenger and Cargo Limited Maximum Qty / Pack | 10 L |
| Special provisions  | A3 A72 A192   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Cargo Only Packing Instructions                           | 366   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Cargo Only Maximum Qty / Pack                             | 220 L   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Passenger and Cargo Packing Instructions                  | 355   |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Passenger and Cargo Maximum Qty / Pack                    | 60 L  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Passenger and Cargo Limited Quantity Packing Instructions | Y344  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |
| Passenger and Cargo Limited Maximum Qty / Pack            | 10 L  |                    |             |                                 |                |                               |       |  |     |  |      |   |      |  |      |

## Sea transport (IMDG-Code / GGVSee)

|                              |   |            |           |                    |                 |                    |     |
|------------------------------|---|------------|-----------|--------------------|-----------------|--------------------|-----|
| UN number                    | 1263  |            |           |                    |                 |                    |     |
| UN proper shipping name      | PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)        |            |           |                    |                 |                    |     |
| Transport hazard class(es)   | <table border="1"> <tr> <td>IMDG Class</td> <td>3</td> </tr> <tr> <td>IMDG Subrisk</td> <td>Not Applicable</td> </tr> </table>  | IMDG Class | 3         | IMDG Subrisk       | Not Applicable  |                    |     |
| IMDG Class                   | 3   |            |           |                    |                 |                    |     |
| IMDG Subrisk                 | Not Applicable  |            |           |                    |                 |                    |     |
| Packing group                | III   |            |           |                    |                 |                    |     |
| Environmental hazard         | Not Applicable  |            |           |                    |                 |                    |     |
| Special precautions for user | <table border="1"> <tr> <td>EMS Number</td> <td>F-E , S-E</td> </tr> <tr> <td>Special provisions</td> <td>163 223 367 955</td> </tr> <tr> <td>Limited Quantities</td> <td>5 L</td> </tr> </table> | EMS Number | F-E , S-E | Special provisions | 163 223 367 955 | Limited Quantities | 5 L |
| EMS Number                   | F-E , S-E   |            |           |                    |                 |                    |     |
| Special provisions           | 163 223 367 955   |            |           |                    |                 |                    |     |
| Limited Quantities           | 5 L   |            |           |                    |                 |                    |     |

## Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

## SECTION 15 REGULATORY INFORMATION

**Safety, health and environmental regulations / legislation specific for the substance or mixture**

This substance is to be managed using the conditions specified in an applicable Group Standard

| HSR Number | Group Standard   |
|------------|--|
| HSR002669  | Surface Coatings and Colourants (Flammable, Toxic [6.7]) Group Standard 2006 |

**XYLENE(1330-20-7) IS FOUND ON THE FOLLOWING REGULATORY LISTS**

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals

New Zealand Inventory of Chemicals (NZIoC)

New Zealand Workplace Exposure Standards (WES)

**ETHYLBENZENE(100-41-4) IS FOUND ON THE FOLLOWING REGULATORY LISTS**

International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals

New Zealand Inventory of Chemicals (NZIoC)

New Zealand Workplace Exposure Standards (WES)

**1,2,4-TRIMETHYL BENZENE(95-63-6) IS FOUND ON THE FOLLOWING REGULATORY LISTS**

New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals

New Zealand Inventory of Chemicals (NZIoC)

**Location Test Certificate**

Subject to Regulation 55 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations, a location test certificate is required when quantity greater than or equal to those indicated below are present.

| Hazard Class | Quantity beyond which controls apply for closed containers                           | Quantity beyond which controls apply when use occurring in open containers |
|--------------|--|--|
| 3.1C         | 500 L in containers greater than 5 L<br>1500 L in containers up to and including 5 L | 250 L<br>250 L   |

**Approved Handler**

Subject to Regulation 56 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations and Regulation 9 of the Hazardous Substances (Classes 6, 8, and 9 Controls) Regulations, the substance must be under the personal control of an Approved Handler when present in a quantity greater than or equal to those indicated below.

| Class of substance | Quantities     |
|--------------------|----------------|
| Not Applicable     | Not Applicable |

Refer Group Standards for further information

**Tracking Requirements**

Not Applicable

| National Inventory  | Status   |
|---------------------|--|
| Australia - AICS    | Y  |
| New Zealand - NZIoC | Y  |
| <b>Legend:</b>      | Y = All ingredients are on the inventory<br>N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets) |

**SECTION 16 OTHER INFORMATION****Other information**

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment.

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