

# Resene Sureseal

## Resene Paints Ltd

Version No: 2.2

Safety Data Sheet according to the Health and Safety at Work (Hazardous Substances) Regulations 2017

Issue Date: 27/03/2025

Print Date: 27/03/2025

L.GHS.NZL.EN

### SECTION 1 Identification of the substance / mixture and of the company / undertaking

#### Product Identifier

|                               |                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name                  | Resene Sureseal                                                                                                                                                                                                         |
| Synonyms                      | Not Available                                                                                                                                                                                                           |
| Proper shipping name          | PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base, or paint related material including paint thinning, drying, removing, or reducing compound) |
| Other means of identification | Not Available                                                                                                                                                                                                           |

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

|                          |      |
|--------------------------|------|
| Relevant identified uses | 9492 |
|--------------------------|------|

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

|                         |                                                              |
|-------------------------|--------------------------------------------------------------|
| Registered company name | Resene Paints Ltd                                            |
| Address                 | 32-50 Vogel Street Wellington New Zealand                    |
| Telephone               | +64 4 5770500                                                |
| Fax                     | +64 4 5773327                                                |
| Website                 | <a href="http://www.resene.co.nz">www.resene.co.nz</a>       |
| Email                   | <a href="mailto:advice@resene.co.nz">advice@resene.co.nz</a> |

#### Emergency telephone number

|                                     |                         |                                     |
|-------------------------------------|-------------------------|-------------------------------------|
| Association / Organisation          | NZ POISONS (24hr 7days) | CHEMWATCH EMERGENCY RESPONSE (24/7) |
| Emergency telephone number(s)       | 0800 764766             | +64 800 700 112                     |
| Other emergency telephone number(s) | Not Available           | +61 3 9573 3188                     |

### SECTION 2 Hazards identification

#### Classification of the substance or mixture

|                                                 |                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Classification <sup>[1]</sup>                   | Flammable Liquids Category 3, Sensitisation (Skin) Category 1, Serious Eye Damage/Eye Irritation Category 2, Specific Target Organ Toxicity - Single Exposure (Narcotic Effects) Category 3, Carcinogenicity Category 2, Reproductive Toxicity Category 2, Hazardous to the Aquatic Environment Long-Term Hazard Category 3 |
| Legend:                                         | 1. Classified by Chemwatch; 2. Classification drawn from CCID EPA NZ; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI                                                                                                                                                                                  |
| Determined by Chemwatch using GHS/HSNO criteria | 3.1C, 6.4A, 6.5B (contact), 6.7B, 6.8B, 6.9B (narcotic effects), 9.1C                                                                                                                                                                                                                                                       |

#### Label elements

|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| Hazard pictogram(s) |  |
| Signal word         | Warning                                                                             |

#### Hazard statement(s)

|      |                                                      |
|------|------------------------------------------------------|
| H226 | Flammable liquid and vapour.                         |
| H317 | May cause an allergic skin reaction.                 |
| H319 | Causes serious eye irritation.                       |
| H336 | May cause drowsiness or dizziness.                   |
| H351 | Suspected of causing cancer.                         |
| H361 | Suspected of damaging fertility or the unborn child. |
| H412 | Harmful to aquatic life with long lasting effects.   |

#### Precautionary statement(s) Prevention

Resene Sureseal

|      |                                                                                                |
|------|------------------------------------------------------------------------------------------------|
| P201 | Obtain special instructions before use.                                                        |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P271 | Use only outdoors or in a well-ventilated area.                                                |
| P280 | Wear protective gloves, protective clothing, eye protection and face protection.               |
| P240 | Ground and bond container and receiving equipment.                                             |
| P241 | Use explosion-proof electrical/ventilating/lighting/intrinsically safe equipment.              |
| P242 | Use non-sparking tools.                                                                        |
| P243 | Take action to prevent static discharges.                                                      |
| P261 | Avoid breathing mist/vapours/spray.                                                            |
| P273 | Avoid release to the environment.                                                              |
| P264 | Wash all exposed external body areas thoroughly after handling.                                |
| P272 | Contaminated work clothing should not be allowed out of the workplace.                         |

Precautionary statement(s) Response

|                |                                                                                                                                  |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P308+P313      | IF exposed or concerned: Get medical advice/ attention.                                                                          |
| P370+P378      | In case of fire: Use alcohol resistant foam or normal protein foam to extinguish.                                                |
| P302+P352      | IF ON SKIN: Wash with plenty of water and soap.                                                                                  |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P312           | Call a POISON CENTER/doctor/physician/first aider/if you feel unwell.                                                            |
| P333+P313      | If skin irritation or rash occurs: Get medical advice/attention.                                                                 |
| P337+P313      | If eye irritation persists: Get medical advice/attention.                                                                        |
| P362+P364      | Take off contaminated clothing and wash it before reuse.                                                                         |
| P303+P361+P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].                         |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                                                       |

Precautionary statement(s) Storage

|           |                                              |
|-----------|----------------------------------------------|
| P403+P235 | Store in a well-ventilated place. Keep cool. |
| P405      | Store locked up.                             |

Precautionary statement(s) Disposal

|      |                                                                                                                                  |
|------|----------------------------------------------------------------------------------------------------------------------------------|
| P501 | Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation. |
|------|----------------------------------------------------------------------------------------------------------------------------------|

SECTION 3 Composition / information on ingredients

Substances

See section below for composition of Mixtures  
Ingredients are required by the Hazard Substances (Safety Data Sheets) Notice 2017, EPA consolidation 30 September 2022 to be identified:

Mixtures

| CAS No      | %[weight]                                                                                                                                                                                           | Name                                              |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| 96-29-7     | <0.2                                                                                                                                                                                                | <u>methyl ethyl ketoxime</u>                      |
| 64742-48-9. | 20-50                                                                                                                                                                                               | <u>naphtha petroleum, heavy, hydrotreated</u>     |
| 64742-82-1. | 0.1-1                                                                                                                                                                                               | <u>naphtha petroleum, hydrodesulfurised heavy</u> |
| 77-58-7     | <0.2                                                                                                                                                                                                | <u>dibutyltin dilaurate</u>                       |
| Legend:     | 1. Classified by Chemwatch; 2. Classification drawn from CCID EPA NZ; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI; 4. Classification drawn from C&L; * EU IOELVs available |                                                   |

SECTION 4 First aid measures

Description of first aid measures

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye Contact  | <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 without delay; 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>                                                                                                                                                                       |
| Skin Contact | <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>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Inhalation   | <ul style="list-style-type: none"><li>▶ 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.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Ingestion    | <ul style="list-style-type: none"><li>▶ If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus.</li><li>▶ If swallowed do <b>NOT</b> induce vomiting.</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></ul> |

▶ Seek medical advice.

Indication of any immediate medical attention and special treatment needed  
Treat symptomatically

SECTION 5 Firefighting measures

Extinguishing media

▶ Foam, dry agent e.g. carbon dioxide, dry chemical or halogenated hydrocarbons.

Special hazards arising from the substrate or mixture

|                      |                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Fire Incompatibility | ▶ Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|

Advice for firefighters

|                       |                                                                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire Fighting         | ▶ Alert Fire Brigade and tell them location and nature of hazard.                                                                                                                   |
| Fire/Explosion Hazard | ▶ Liquid and vapour are flammable.<br>Combustion products include:<br>carbon monoxide (CO)<br>carbon dioxide (CO2)<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

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Minor Spills | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Major Spills | 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

|                   |                                                                                                                                                                                                                                                                                                                         |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safe handling     | ▶ Containers, even those that have been emptied, may contain explosive vapours.<br>· Electrostatic discharge may be generated during pumping - this may result in fire.<br>▶ Avoid unnecessary personal contact, including inhalation.<br>▶ <b>DO NOT allow clothing wet with material to stay in contact with skin</b> |
| Other information | ▶ Store in original containers in approved flammable liquid storage area.                                                                                                                                                                                                                                               |

Conditions for safe storage, including any incompatibilities

|                         |                                        |
|-------------------------|----------------------------------------|
| Suitable container      | ▶ Packing as supplied by manufacturer. |
| Storage incompatibility | ▶ Avoid reaction with oxidising agents |

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) | naphtha petroleum, heavy, hydrotreated      | Oil mist, mineral                                                                                                              | 5 mg/m3              | 10 mg/m3      | Not Available | (om) - Sampled by a method that does not collect vapour |
| New Zealand Workplace Exposure Standards (WES) | naphtha, petroleum, hydrodesulfurised heavy | Rubber solvent (Naphtha)                                                                                                       | 400 ppm / 1600 mg/m3 | Not Available | Not Available | Not Available                                           |
| New Zealand Workplace Exposure Standards (WES) | naphtha, petroleum, hydrodesulfurised heavy | Stoddard solvent (White spirits)                                                                                               | 100 ppm / 525 mg/m3  | Not Available | Not Available | Not Available                                           |
| New Zealand Workplace Exposure Standards (WES) | dibutyltin dilaurate                        | Tin: Organic compounds including mono- and dimethyltin and n-butyltin (not otherwise classified) as Sn: non-irritant compounds | 0.05 mg/m3           | 0.1 mg/m3     | Not Available | (skin) - Skin absorption oto - Ototoxin                 |
| New Zealand Workplace Exposure Standards (WES) | dibutyltin dilaurate                        | Tin: Organic compounds including mono- and dimethyltin and n-butyltin                                                          | 0.05 mg/m3           | 0.02 mg/m3    | Not Available | (skin) - Skin absorption oto - Ototoxin                 |

Continued...

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| Source                                      | Ingredient    | Material name                                        | TWA           | STEL | Peak | Notes |
|---------------------------------------------|---------------|------------------------------------------------------|---------------|------|------|-------|
|                                             |               | (not otherwise classified) as Sn: irritant compounds |               |      |      |       |
| Ingredient                                  | Original IDLH |                                                      | Revised IDLH  |      |      |       |
| methyl ethyl ketoxime                       | Not Available |                                                      | Not Available |      |      |       |
| naphtha petroleum, heavy, hydrotreated      | 2,500 mg/m3   |                                                      | Not Available |      |      |       |
| naphtha, petroleum, hydrodesulfurised heavy | 20,000 mg/m3  |                                                      | Not Available |      |      |       |
| dibutyltin dilaurate                        | 25 mg/m3      |                                                      | Not Available |      |      |       |

MATERIAL DATA

Sensory irritants are chemicals that produce temporary and undesirable side-effects on the eyes, nose or throat.

**CAUTION:** This substance is classified by the NOHSC as Category 3 Suspected of having carcinogenic potential  
For methyl ethyl ketoxime (MEKO)  
CEL TWA: 10 ppm, 36 mg/m3 (compare WEEL-TWA)  
(CEL = Chemwatch Exposure Limit)  
OEL-TWA: 0.28 ppm, 1 mg/m3 ORICA Australia quoting DSM Chemicals  
Saturated vapour concentration: 1395 ppm at 20 deg.  
Odour threshold: 0.25 ppm.

Exposure controls

|                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls                                      | Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Individual protection measures, such as personal protective equipment |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Eye and face protection                                               | ► Safety glasses with side shields.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Skin protection                                                       | See Hand protection below                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Hands/feet protection                                                 | ► Wear chemical protective gloves, e.g. PVC.<br><b>NOTE:</b><br>► The material may produce skin sensitisation in predisposed individuals.<br>The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer.                                                                                                                                                                                                                                                                         |
| Body protection                                                       | Overalls                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Respiratory protection                                                | Respiratory protection required in insufficiently ventilated working areas. 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.<br>Recommended filter type: Type A filter (organic vapour). |

SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

|                                              |                                          |                                         |               |
|----------------------------------------------|------------------------------------------|-----------------------------------------|---------------|
| Appearance                                   | Yellowish liquid with mild solvent odour |                                         |               |
| Physical state                               | Liquid                                   | Relative density (Water = 1)            | 1.12          |
| Odour                                        | Not Available                            | Partition coefficient n-octanol / water | Not Available |
| Odour threshold                              | Not Available                            | Auto-ignition temperature (°C)          | >200          |
| pH (as supplied)                             | Not Available                            | Decomposition temperature (°C)          | Not Available |
| Melting point / freezing point (°C)          | Not Available                            | Viscosity (cSt)                         | 270-350       |
| Initial boiling point and boiling range (°C) | 160-190                                  | Molecular weight (g/mol)                | Not Available |
| Flash point (°C)                             | 45                                       | Taste                                   | Not Available |
| Evaporation rate                             | Not Available                            | Explosive properties                    | Not Available |
| Flammability                                 | Flammable.                               | Oxidising properties                    | Not Available |
| Upper Explosive Limit (%)                    | 7.0                                      | Surface Tension (dyn/cm or mN/m)        | Not Available |
| Lower Explosive Limit (%)                    | 0.6                                      | Volatile Component (%vol)               | 62            |
| Vapour pressure (kPa)                        | 0.2                                      | Gas group                               | Not Available |
| Solubility in water                          | Immiscible                               | pH as a solution (1%)                   | Not Available |
| Vapour density (Air = 1)                     | Not Available                            | VOC g/L                                 | 487           |
| Heat of Combustion (kJ/g)                    | Not Available                            | Ignition Distance (cm)                  | Not Available |
| Flame Height (cm)                            | Not Available                            | Flame Duration (s)                      | Not Available |

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|                                                |               |                                                     |               |
|------------------------------------------------|---------------|-----------------------------------------------------|---------------|
| Enclosed Space Ignition Time Equivalent (s/m3) | Not Available | Enclosed Space Ignition Deflagration Density (g/m3) | Not Available |
|------------------------------------------------|---------------|-----------------------------------------------------|---------------|

SECTION 10 Stability and reactivity

|                                    |               |
|------------------------------------|---------------|
| Reactivity                         | See section 7 |
| Chemical stability                 | ► stable      |
| Possibility of hazardous reactions | See section 7 |
| Conditions to avoid                | See section 7 |
| Incompatible materials             | See section 7 |
| Hazardous decomposition products   | See section 5 |

SECTION 11 Toxicological information

Information on toxicological effects

|                                      |                                                                                                            |
|--------------------------------------|------------------------------------------------------------------------------------------------------------|
| a) Acute Toxicity                    | Based on available data, the classification criteria are not met.                                          |
| b) Skin Irritation/Corrosion         | Based on available data, the classification criteria are not met.                                          |
| c) Serious Eye Damage/Irritation     | There is sufficient evidence to classify this material as eye damaging or irritating                       |
| d) Respiratory or Skin sensitisation | There is sufficient evidence to classify this material as sensitising to skin or the respiratory system    |
| e) Mutagenicity                      | Based on available data, the classification criteria are not met.                                          |
| f) Carcinogenicity                   | There is sufficient evidence to classify this material as carcinogenic                                     |
| g) Reproductivity                    | There is sufficient evidence to classify this material as toxic to reproductivity                          |
| h) STOT - Single Exposure            | There is sufficient evidence to classify this material as toxic to specific organs through single exposure |
| i) STOT - Repeated Exposure          | Based on available data, the classification criteria are not met.                                          |
| j) Aspiration Hazard                 | Based on available data, the classification criteria are not met.                                          |

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhaled      | <p>Inhalation hazard is increased at higher temperatures.<br/>Inhalation of vapours may cause drowsiness and dizziness.</p> <p>High inhaled concentrations of mixed hydrocarbons may produce narcosis characterised by nausea, vomiting and lightheadedness. Central nervous system (CNS) depression may include nonspecific discomfort, symptoms of giddiness, headache, dizziness, nausea, anaesthetic effects, slowed reaction time, slurred speech and may progress to unconsciousness.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Ingestion    | <p>Many aliphatic hydrocarbons create a burning sensation because they are irritating to the GI mucosa. Ingestion of petroleum hydrocarbons may produce irritation of the pharynx, oesophagus, stomach and small intestine with oedema and mucosal ulceration resulting; symptoms include a burning sensation in the mouth and throat.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Skin Contact | <p>Repeated exposure may cause skin cracking, flaking or drying following normal handling and use. Dermally, isoparaffins have produced slight to moderate irritation in animals and humans under occluded patch conditions where evaporation cannot freely occur.</p> <p>Open cuts, abraded or irritated skin should not be exposed to this material</p> <p>Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effects.</p> <p>The material may accentuate any pre-existing dermatitis condition</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Eye          | <p>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. Instillation of isoparaffins into rabbit eyes produces only slight irritation.</p> <p>Petroleum hydrocarbons may produce pain after direct contact with the eyes.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Chronic      | <p>Practical experience shows that skin contact with the material is capable either of inducing a sensitisation reaction in a substantial number of individuals, and/or of producing a positive response in experimental animals.</p> <p>On the basis, primarily, of animal experiments, the material may be regarded as carcinogenic to humans.</p> <p>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.</p> <p>Exposure to the material may cause concerns for humans owing to possible developmental toxic effects, generally on the basis that results in appropriate animal studies provide strong suspicion of developmental toxicity in the absence of signs of marked maternal toxicity, or at around the same dose levels as other toxic effects but which are not a secondary non-specific consequence of other toxic effects.</p> <p>Prolonged or repeated skin contact may cause drying with cracking, irritation and possible dermatitis following.</p> <p>Repeated or prolonged exposure to mixed hydrocarbons may produce narcosis with dizziness, weakness, irritability, concentration and/or memory loss, tremor in the fingers and tongue, vertigo, olfactory disorders, constriction of visual field, paraesthesias of the extremities, weight loss and anaemia and degenerative changes in the liver and kidney.</p> <p>Repeated application of mildly hydrotreated oils (principally paraffinic), to mouse skin, induced skin tumours; no tumours were induced with severely hydrotreated oils.</p> <p>Steam-cracked residues produced an increased incidence of skin tumours after repeated applications to the skin of mice.</p> |

|                       |                                                      |                                                                   |
|-----------------------|------------------------------------------------------|-------------------------------------------------------------------|
| Resene Sureseal       | TOXICITY                                             | IRRITATION                                                        |
|                       | Not Available                                        | Not Available                                                     |
| methyl ethyl ketoxime | TOXICITY                                             | IRRITATION                                                        |
|                       | Dermal (rabbit) LD50: >184<1840 mg/kg <sup>[1]</sup> | Eye (Rodent - rabbit): 100uL - Severe                             |
|                       | Inhalation (Rat) LC50: >4.83 mg/l4h <sup>[1]</sup>   | Eye: adverse effect observed (irreversible damage) <sup>[1]</sup> |
|                       | Oral (Rat) LD50: >900 mg/kg <sup>[1]</sup>           | Skin: adverse effect observed (irritating) <sup>[1]</sup>         |
|                       |                                                      |                                                                   |

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|                                             |                                                    |                                                                  |
|---------------------------------------------|----------------------------------------------------|------------------------------------------------------------------|
| naphtha petroleum, heavy, hydrotreated      | TOXICITY                                           | IRRITATION                                                       |
|                                             | Dermal (rabbit) LD50: >1900 mg/kg <sup>[1]</sup>   | Eye: no adverse effect observed (not irritating) <sup>[1]</sup>  |
|                                             | Inhalation (Rat) LC50: >4.42 mg/L4h <sup>[1]</sup> | Skin: adverse effect observed (irritating) <sup>[1]</sup>        |
|                                             | Oral (Rat) LD50: >4500 mg/kg <sup>[1]</sup>        |                                                                  |
| naphtha, petroleum, hydrodesulfurised heavy | TOXICITY                                           | IRRITATION                                                       |
|                                             | Dermal (rabbit) LD50: >1900 mg/kg <sup>[1]</sup>   | Eye (Human): 100ppm - Mild                                       |
|                                             | Inhalation (Rat) LC50: >1.58 mg/l4h <sup>[1]</sup> | Eye (Human): 880ppm/15M                                          |
|                                             | Oral (Rat) LD50: >4500 mg/kg <sup>[1]</sup>        | Eye (Rodent - rabbit): 100mg - Mild                              |
|                                             |                                                    | Eye (Rodent - rabbit): 100uL - Mild                              |
|                                             |                                                    | Eye (Rodent - rabbit): 500mg/24H - Moderate                      |
|                                             |                                                    | Eye: no adverse effect observed (not irritating) <sup>[1]</sup>  |
|                                             |                                                    | Skin (Human): 100%/3H                                            |
|                                             |                                                    | Skin (Rodent - rabbit): 500mg/24H - Moderate                     |
|                                             |                                                    | Skin (Rodent - rabbit): 500uL - Moderate                         |
|                                             |                                                    | Skin: adverse effect observed (irritating) <sup>[1]</sup>        |
|                                             |                                                    | Skin: no adverse effect observed (not irritating) <sup>[1]</sup> |
| dibutyltin dilaurate                        | TOXICITY                                           | IRRITATION                                                       |
|                                             | dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup>      | Eye (Rodent - rabbit): 100mg/24H - Moderate                      |
|                                             | Oral (Rat) LD50: 175 mg/kg <sup>[2]</sup>          | Eye: adverse effect observed (irritating) <sup>[1]</sup>         |
|                                             |                                                    | Skin (Rodent - rabbit): 500mg - Severe                           |
|                                             |                                                    | Skin: no adverse effect observed (not irritating) <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

|                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| METHYL ETHYL KETOXIME                                                                                  | Mammalian lymphocyte mutagen *Huls Canada ** Merck<br>For methyl ethyl ketoxime (MEKO)<br><b>Carcinogenicity:</b> Increased incidences of liver tumours were observed in rat and mouse lifetime studies and there was also an increased incidence of mammary gland tumours in female rats, however, this was only seen at mid- and/or high concentrations of MEKO. |
| NAPHTHA, PETROLEUM, HYDRODESULFURISED HEAVY                                                            | No significant acute toxicological data identified in literature search.                                                                                                                                                                                                                                                                                           |
| DIBUTYLTIN DILAURATE                                                                                   | Laboratory (in vitro) and animal studies show, exposure to the material may result in a possible risk of irreversible effects, with the possibility of producing mutation.                                                                                                                                                                                         |
| Resene Sureseal & METHYL ETHYL KETOXIME                                                                | The following information refers to contact allergens as a group and may not be specific to this product.                                                                                                                                                                                                                                                          |
| Resene Sureseal & NAPHTHA PETROLEUM, HEAVY, HYDROTREATED & NAPHTHA, PETROLEUM, HYDRODESULFURISED HEAVY | Studies indicate that normal, branched and cyclic paraffins are absorbed from the mammalian gastrointestinal tract and that the absorption of n-paraffins is inversely proportional to the carbon chain length, with little absorption above C30.                                                                                                                  |
| Resene Sureseal & NAPHTHA PETROLEUM, HEAVY, HYDROTREATED                                               | For petroleum: This product contains benzene, which can cause acute myeloid leukaemia, and n-hexane, which can be metabolized to compounds which are toxic to the nervous system.                                                                                                                                                                                  |

|                                   |   |                          |   |
|-----------------------------------|---|--------------------------|---|
| 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 either not available or does not fill the criteria for classification  
✓ – Data available to make classification

SECTION 12 Ecological information

| Toxicity        |               |                    |               |               |               |
|-----------------|---------------|--------------------|---------------|---------------|---------------|
| Resene Sureseal |               |                    |               |               |               |
|                 | Endpoint      | Test Duration (hr) | Species       | Value         | Source        |
|                 | Not Available | Not Available      | Not Available | Not Available | Not Available |

## Resene Sureseal

|                                             |                 |                           |                               |              |               |
|---------------------------------------------|-----------------|---------------------------|-------------------------------|--------------|---------------|
| methyl ethyl ketoxime                       | <b>Endpoint</b> | <b>Test Duration (hr)</b> | <b>Species</b>                | <b>Value</b> | <b>Source</b> |
|                                             | BCF             | 1008h                     | Fish                          | 0.5-0.6      | 7             |
|                                             | EC50            | 48h                       | Crustacea                     | ~201mg/l     | 2             |
|                                             | EC50            | 72h                       | Algae or other aquatic plants | ~6.09mg/l    | 2             |
|                                             | NOEC(ECx)       | 72h                       | Algae or other aquatic plants | ~1.02mg/l    | 2             |
|                                             | LC50            | 96h                       | Fish                          | >100mg/l     | 2             |
| naphtha petroleum, heavy, hydrotreated      | <b>Endpoint</b> | <b>Test Duration (hr)</b> | <b>Species</b>                | <b>Value</b> | <b>Source</b> |
|                                             | EC50            | 48h                       | Crustacea                     | >0.002mg/l   | 2             |
|                                             | EC50            | 96h                       | Algae or other aquatic plants | 64mg/l       | 2             |
|                                             | EC50(ECx)       | 48h                       | Crustacea                     | >0.002mg/l   | 2             |
| naphtha, petroleum, hydrodesulfurised heavy | <b>Endpoint</b> | <b>Test Duration (hr)</b> | <b>Species</b>                | <b>Value</b> | <b>Source</b> |
|                                             | EC50            | 72h                       | Algae or other aquatic plants | 13mg/l       | 1             |
|                                             | NOEC(ECx)       | 72h                       | Algae or other aquatic plants | 0.1mg/l      | 1             |
|                                             | EC50            | 48h                       | Crustacea                     | >0.002mg/l   | 2             |
|                                             | EC50            | 96h                       | Algae or other aquatic plants | 64mg/l       | 2             |
|                                             | EC50(ECx)       | 48h                       | Crustacea                     | >0.002mg/l   | 2             |
|                                             | EC50            | 72h                       | Algae or other aquatic plants | 0.53mg/l     | 2             |
|                                             | EC50            | 96h                       | Algae or other aquatic plants | 0.58mg/l     | 2             |
|                                             | NOEC(ECx)       | 504h                      | Crustacea                     | 0.097mg/l    | 2             |
|                                             | EC50            | 48h                       | Crustacea                     | >100mg/l     | 1             |
|                                             | EC50            | 96h                       | Algae or other aquatic plants | 450mg/l      | 1             |
|                                             | EC50(ECx)       | 48h                       | Crustacea                     | >100mg/l     | 1             |
|                                             | EC50            | 72h                       | Algae or other aquatic plants | 6.5mg/l      | 1             |
|                                             | LC50            | 96h                       | Fish                          | >100000mg/L  | 4             |
|                                             | EC50            | 96h                       | Algae or other aquatic plants | 64mg/l       | 2             |
|                                             | NOEC(ECx)       | 72h                       | Algae or other aquatic plants | <0.1mg/l     | 1             |
|                                             | EC50(ECx)       | 24h                       | Crustacea                     | 36mg/l       | 1             |
|                                             | LC50            | 96h                       | Fish                          | 0.007mg/L    | 4             |
|                                             | EC50            | 48h                       | Crustacea                     | 2.7-5.1mg/L  | 4             |
|                                             | EC50            | 72h                       | Algae or other aquatic plants | 6.5mg/l      | 1             |
|                                             | EC50            | 96h                       | Algae or other aquatic plants | 64mg/l       | 2             |
|                                             | NOEC(ECx)       | 72h                       | Algae or other aquatic plants | <0.1mg/l     | 1             |
|                                             | LC50            | 96h                       | Fish                          | 8.8mg/l      | 4             |
|                                             | EC50            | 72h                       | Algae or other aquatic plants | 6.5mg/l      | 1             |
|                                             | EC50            | 96h                       | Algae or other aquatic plants | 64mg/l       | 2             |
|                                             | NOEC(ECx)       | 72h                       | Algae or other aquatic plants | <0.1mg/l     | 1             |
|                                             | EC50            | 96h                       | Algae or other aquatic plants | 0.277mg/l    | 2             |
|                                             | NOEC(ECx)       | 720h                      | Fish                          | 0.02mg/l     | 2             |
|                                             | LC50            | 96h                       | Fish                          | 0.14mg/l     | 2             |
| dibutyltin dilaurate                        | <b>Endpoint</b> | <b>Test Duration (hr)</b> | <b>Species</b>                | <b>Value</b> | <b>Source</b> |
|                                             | BCF             | 1344h                     | Fish                          | 2.2-40       | 7             |
|                                             | EC50            | 48h                       | Crustacea                     | <0.463mg/L   | 2             |
|                                             | EC50(ECx)       | 48h                       | Crustacea                     | <0.463mg/L   | 2             |
|                                             | EC50            | 72h                       | Algae or other aquatic plants | >1mg/l       | 2             |
|                                             | LC50            | 96h                       | Fish                          | 21.2mg/l     | 2             |

**Legend:** *Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 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*

Harmful 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.

When released in the environment, alkanes don't undergo rapid biodegradation, because they have no functional groups (like hydroxyl or carbonyl) that are needed by most organisms in order to metabolize the compound.

For petroleum distillates:

Environmental fate:

When petroleum substances are released into the environment, four major fate processes will take place: dissolution in water, volatilization, biodegradation and adsorption.

Drinking Water Standards: hydrocarbon total: 10 ug/l (UK max.).

For hydrocarbons:

**Environmental fate:**

The lower molecular weight hydrocarbons are expected to form a 'slick' on the surface of waters after release in calm sea conditions.

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

Continued...

Persistence and degradability

| Ingredient            | Persistence: Water/Soil | Persistence: Air |
|-----------------------|-------------------------|------------------|
| methyl ethyl ketoxime | LOW                     | LOW              |
| dibutyltin dilaurate  | HIGH                    | HIGH             |

Bioaccumulative potential

| Ingredient                                  | Bioaccumulation      |
|---------------------------------------------|----------------------|
| methyl ethyl ketoxime                       | LOW (BCF = 5.8)      |
| naphtha, petroleum, hydrodesulfurised heavy | LOW (LogKOW = 11.15) |
| dibutyltin dilaurate                        | LOW (BCF = 110)      |

Mobility in soil

| Ingredient            | Mobility                 |
|-----------------------|--------------------------|
| methyl ethyl ketoxime | LOW (Log KOC = 130.8)    |
| dibutyltin dilaurate  | LOW (Log KOC = 64610000) |

SECTION 13 Disposal considerations

Waste treatment methods

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product / Packaging disposal | <div><div>► Containers may still present a chemical hazard/ danger when empty.<br/>Legislation addressing waste disposal requirements may differ by country, state and/ or territory.</div><div>► <b>DO NOT allow wash water from cleaning or process equipment to enter drains.</b></div><div>► Recycle wherever possible.<br/>Consult manufacturer for recycling option.</div><div>Resene Paintwise accepts residual unwanted paint and packaging. See Resene website for Paintwise information. Or contact a Local Authority for the disposal information. Do not discharge the substance into the environment.</div></div> |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Disposal Requirements

Packages that have been in direct contact with the hazardous substance must be only disposed if the hazardous substance was appropriately removed and cleaned out from the package.

Do not allow product or wash water from cleaning or process equipment to enter drains or watercourses. It may be necessary to collect all wash water for treatment before disposal.

The generation of waste should be avoided or minimised wherever possible.

Disposal of this product should comply with Hazard Substances (Disposal) Notice 2017 (EPA Consolidation 30 April 2021) and local regulations.

Flammable substance can be disposed of if the substance is treated by using a method that changes the characteristics or composition of the substance so that the substance is no longer a hazardous substance or exporting the substance from New Zealand as waste.

For treating and discharging processes contact your local authority.

The treating may include burning the substance if the burning is managed to ensure that no person, or place where a person may legally be present.

The substance may be discharged into the environment as waste or disposed into a landfill if the substance will not come into contact with oxidising substances and where is in ignition source which is capable to ignite the substance.

SECTION 14 Transport information

Labels Required

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

Land transport (UN)

|                                    |                                                                        |                |
|------------------------------------|------------------------------------------------------------------------|----------------|
| 14.1. UN number or ID number       | 1263                                                                   |                |
| 14.2. UN proper shipping name      | PAINT RELATED MATERIAL (including paint thinning or reducing compound) |                |
| 14.3. Transport hazard class(es)   | Class                                                                  | 3              |
|                                    | Subsidiary Hazard                                                      | Not Applicable |
| 14.4. Packing group                | III                                                                    |                |
| 14.5. Environmental hazard         | Not Applicable                                                         |                |
| 14.6. Special precautions for user | Special provisions                                                     | 163; 223; 367  |
|                                    | Limited quantity                                                       | 5 L            |

Air transport (ICAO-IATA / DGR)

|                 |      |
|-----------------|------|
| 14.1. UN number | 1263 |
|-----------------|------|

Resene Sureseal

|                                    |                                                                                                                  |                |
|------------------------------------|------------------------------------------------------------------------------------------------------------------|----------------|
| 14.2. UN proper shipping name      | Paint (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) |                |
| 14.3. Transport hazard class(es)   | ICAO/IATA Class                                                                                                  | 3              |
|                                    | ICAO / IATA Subsidiary Hazard                                                                                    | Not Applicable |
|                                    | ERG Code                                                                                                         | 3L             |
| 14.4. Packing group                | III                                                                                                              |                |
| 14.5. Environmental hazard         | Not Applicable                                                                                                   |                |
| 14.6. Special precautions for user | 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)

|                                    |                                                                                                                  |                 |
|------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------|
| 14.1. UN number                    | 1263                                                                                                             |                 |
| 14.2. UN proper shipping name      | PAINT (including paint, lacquer, enamel, stain, shellac, varnish, polish, liquid filler and liquid lacquer base) |                 |
| 14.3. Transport hazard class(es)   | IMDG Class                                                                                                       | 3               |
|                                    | IMDG Subsidiary Hazard                                                                                           | Not Applicable  |
| 14.4. Packing group                | III                                                                                                              |                 |
| 14.5. Environmental hazard         | Not Applicable                                                                                                   |                 |
| 14.6. Special precautions for user | EMS Number                                                                                                       | F-E , S-E       |
|                                    | Special provisions                                                                                               | 163 223 367 955 |
|                                    | Limited Quantities                                                                                               | 5 L             |

14.7. Maritime transport in bulk according to IMO instruments

14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code  
Not Applicable

14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

| Product name                                | Group         |
|---------------------------------------------|---------------|
| methyl ethyl ketoxime                       | Not Available |
| naphtha petroleum, heavy, hydrotreated      | Not Available |
| naphtha, petroleum, hydrodesulfurised heavy | Not Available |
| dibutyltin dilaurate                        | Not Available |

14.7.3. Transport in bulk in accordance with the IGC Code

| Product name                                | Ship Type     |
|---------------------------------------------|---------------|
| methyl ethyl ketoxime                       | Not Available |
| naphtha petroleum, heavy, hydrotreated      | Not Available |
| naphtha, petroleum, hydrodesulfurised heavy | Not Available |
| dibutyltin dilaurate                        | Not Available |

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 Carcinogenic Group Standard 2020 |

Please refer to Section 8 of the SDS for any applicable tolerable exposure limit or Section 12 for environmental exposure limit.

methyl ethyl ketoxime is found on the following regulatory lists

- Chemical Footprint Project - Chemicals of High Concern List
- New Zealand Approved Hazardous Substances with controls
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals - Classification Data
- New Zealand Inventory of Chemicals (NZIoC)

naphtha petroleum, heavy, hydrotreated is found on the following regulatory lists

- Chemical Footprint Project - Chemicals of High Concern List
- New Zealand Approved Hazardous Substances with controls
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals
- New Zealand Inventory of Chemicals (NZIoC)
- New Zealand Land Transport Rule; Dangerous Goods 2005 - Schedule 2 Dangerous Goods in Limited Quantities and Consumer Commodities
- New Zealand Workplace Exposure Standards (WES)

naphtha, petroleum, hydrodesulfurised heavy is found on the following regulatory lists

- Chemical Footprint Project - Chemicals of High Concern List
- New Zealand Approved Hazardous Substances with controls
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals
- New Zealand Inventory of Chemicals (NZIoC)
- New Zealand Land Transport Rule: Dangerous Goods 2005 - Schedule 1 Quantity limits for dangerous goods
- New Zealand Workplace Exposure Standards (WES)

diethyltin dilaurate is found on the following regulatory lists

- Chemical Footprint Project - Chemicals of High Concern List
- New Zealand Approved Hazardous Substances with controls
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals
- New Zealand Hazardous Substances and New Organisms (HSNO) Act - Classification of Chemicals - Classification Data
- New Zealand Inventory of Chemicals (NZIoC)
- New Zealand Workplace Exposure Standards (WES)

Additional Regulatory Information

Not Applicable

Hazardous Substance Location

Subject to the Health and Safety at Work (Hazardous Substances) Regulations 2017.

| Hazard Class | Quantity (Closed Containers)                  | Quantity (Open Containers) |
|--------------|-----------------------------------------------|----------------------------|
| 3.1C         | 500 L in containers more than 5 L             | 250 L                      |
| 3.1C         | 1 500 L in containers up to and including 5 L | 250 L                      |

Certified Handler

Subject to Part 4 of the Health and Safety at Work (Hazardous Substances) Regulations 2017.

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

Refer Group Standards for further information

Maximum quantities of certain hazardous substances permitted on passenger service vehicles

Subject to Regulation 13.14 of the Health and Safety at Work (Hazardous Substances) Regulations 2017.

| Hazard Class | Gas (aggregate water capacity in mL) | Liquid (L) | Solid (kg) | Maximum quantity per package for each classification |
|--------------|--------------------------------------|------------|------------|------------------------------------------------------|
| 6.5A or 6.5B | 120                                  | 1          | 3          |                                                      |
| 3.1C or 3.1D |                                      |            |            | 10 L                                                 |

Tracking Requirements

Not Applicable

National Inventory Status

| National Inventory                              | Status                                                                                                                                                                                            |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Australia - AIIC / Australia Non-Industrial Use | Yes                                                                                                                                                                                               |
| New Zealand - NZIoC                             | Yes                                                                                                                                                                                               |
| Legend:                                         | Yes = All CAS declared ingredients are on the inventory<br>No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require registration. |

SECTION 16 Other information

|               |            |
|---------------|------------|
| Revision Date | 27/03/2025 |
| Initial Date  | 07/02/2025 |

SDS Version Summary

| Version | Date of Update | Sections Updated                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.2     | 27/03/2025     | Toxicological information - Acute Health (inhaled), Toxicological information - Acute Health (skin), Toxicological information - Acute Health (swallowed), Toxicological information - Chronic Health, Hazards identification - Classification, Exposure controls / personal protection - Engineering Control, First Aid measures - First Aid (inhaled), First Aid measures - First Aid (swallowed), Exposure controls / personal protection - Personal Protection (other) |

Other information

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

Definitions and abbreviations

- PC – TWA: Permissible Concentration-Time Weighted Average

**Resene Sureseal**

- PC—STEL: Permissible Concentration-Short Term Exposure Limit
- IARC: International Agency for Research on Cancer
- ACGIH: American Conference of Governmental Industrial Hygienists
- STEL: Short Term Exposure Limit
- TEEL: Temporary Emergency Exposure Limit,
- IDLH: Immediately Dangerous to Life or Health Concentrations
- ES: Exposure Standard
- OSF: Odour Safety Factor
- NOAEL: No Observed Adverse Effect Level
- LOAEL: Lowest Observed Adverse Effect Level
- TLV: Threshold Limit Value
- LOD: Limit Of Detection
- OTV: Odour Threshold Value
- BCF: BioConcentration Factors
- BEI: Biological Exposure Index
- DNEL: Derived No-Effect Level
- PNEC: Predicted no-effect concentration
- MARPOL: International Convention for the Prevention of Pollution from Ships
- IMSBC: International Maritime Solid Bulk Cargoes Code
- IGC: International Gas Carrier Code
- IBC: International Bulk Chemical Code
  
- AIIC: Australian Inventory of Industrial Chemicals
- DSL: Domestic Substances List
- NDSL: Non-Domestic Substances List
- IECSC: Inventory of Existing Chemical Substance in China
- EINECS: European INventory of Existing Commercial chemical Substances
- ELINCS: European List of Notified Chemical Substances
- NLP: No-Longer Polymers
- ENCS: Existing and New Chemical Substances Inventory
- KECI: Korea Existing Chemicals Inventory
- NZIoC: New Zealand Inventory of Chemicals
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- TSCA: Toxic Substances Control Act
- TCSI: Taiwan Chemical Substance Inventory
- INSQ: Inventario Nacional de Sustancias Químicas
- NCI: National Chemical Inventory
- FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

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