

# Resene FX Write- On Wall Paint Part B

## Resene Paints (Australia) Limited

Version No: 4.4

Safety Data Sheet according to Work Health and Safety Regulations (Hazardous Chemicals) 2023 and ADG requirements

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

#### Product Identifier

|                               |                                       |
|-------------------------------|---------------------------------------|
| Product name                  | Resene FX Write- On Wall Paint Part B |
| Synonyms                      | Not Available                         |
| Other means of identification | Not Available                         |

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

|                          |       |
|--------------------------|-------|
| Relevant identified uses | 10320 |
|--------------------------|-------|

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

| Registered company name | Resene Paints (Australia) Limited                         | Resene Paints Ltd                                      |
|-------------------------|---|--|
| Address                 | 7 Production Avenue, Molendinar Queensland 4214 Australia | 32-50 Vogel Street Wellington New Zealand              |
| Telephone               | +61 7 55126600  | +64 4 5770500  |
| Fax                     | +61 7 55126697  | +64 4 5773327  |
| Website                 | <a href="http://www.resene.com.au">www.resene.com.au</a>  | <a href="http://www.resene.co.nz">www.resene.co.nz</a> |
| Email                   | Not Available   | advice@resene.co.nz                                    |

#### Emergency telephone number

| Association / Organisation        | AUSTRALIAN POISONS CENTRE | NZ POISONS (24hr 7days) | CHEMWATCH EMERGENCY RESPONSE (24/7) |
|-----------------------------------|---------------------------|-------------------------|-------------------------------------|
| Emergency telephone numbers       | 131126                    | 0800 764766             | +61 1800 951 288                    |
| Other emergency telephone numbers | Not Available             | Not Available           | +61 3 9573 3188                     |

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


### SECTION 2 Hazards identification

#### Classification of the substance or mixture

HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.

|                    |   |
|--------------------|---|
| Poisons Schedule   | Not Applicable  |
| Classification [1] | Flammable Liquids Category 4, Sensitisation (Skin) Category 1, Acute Toxicity (Inhalation) Category 4, Specific Target Organ Toxicity - Single Exposure (Respiratory Tract Irritation) Category 3, Hazardous to the Aquatic Environment Long-Term Hazard Category 3 |
| Legend:            | 1. Classified by Chemwatch; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI   |

#### Label elements

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

|             |         |
|-------------|---------|
| Signal word | Warning |
|-------------|---------|

#### Hazard statement(s)

|      |  |
|------|--|
| H227 | Combustible liquid.                                |
| H317 | May cause an allergic skin reaction.               |
| H332 | Harmful if inhaled.                                |
| H335 | May cause respiratory irritation.                  |
| H412 | Harmful to aquatic life with long lasting effects. |

## Resene FX Write- On Wall Paint Part B

## Supplementary statement(s)

Not Applicable

## Precautionary statement(s) Prevention

|      |  |
|------|--|
| 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 and protective clothing.  |
| P261 | Avoid breathing mist/vapours/spray.  |
| P273 | Avoid release to the environment.  |
| P272 | Contaminated work clothing should not be allowed out of the workplace.                         |

## Precautionary statement(s) Response

|           |   |
|-----------|---|
| 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.                                   |
| 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.                  |
| P362+P364 | Take off contaminated clothing and wash it before reuse.                          |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing.        |

## Precautionary statement(s) Storage

|           |  |
|-----------|--|
| P405      | Store locked up.   |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. |

## 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

## Mixtures

| CAS No         | %[weight]  | Name   |
|----------------|--|--|
| 666723-27-9    | 85-95  | <u>N,N-dimethylcyclohexylamine/ CAPS/ hexamethylene diisocyanate blocked</u> |
| 108-65-6       | 5-15   | <u>propylene glycol monomethyl ether acetate, alpha-isomer</u>               |
| <b>Legend:</b> | 1. Classified by Chemwatch; 2. Classification drawn from HCIS; 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

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | If product comes in contact with the eyes:<br>Wash out immediately with fresh running water.<br>Ensure complete irritation at the eye by keeping eyelids apart and away from eye.<br>Seek medical attention without delay if paint persists or recurs.  |
| <b>Skin Contact</b> | If skin contact occurs:<br><ul style="list-style-type: none"> <li>▶ Immediately remove all contaminated clothing, including footwear.</li> <li>▶ Flush skin and hair with running water (and soap if available).</li> <li>▶ Seek medical attention in event of irritation.</li> </ul>   |
| <b>Inhalation</b>   | 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.   |
| <b>Ingestion</b>    | If swallowed do not induce vomiting. If vomiting occurs, lean patient forward or place on left side (head- down position, if possible) to maintain open airway and prevent aspiration.<br>Observe the patient carefully. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious. Give water to rise out mouth, then provide liquid slowly and much as casualty can comfortably drink.<br>Sick medical advice. |

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

Treat symptomatically

## SECTION 5 Firefighting measures

## Resene FX Write- On Wall Paint Part B

**Extinguishing media**

- ▶ Small quantities of water in contact with hot liquid may react violently with generation of a large volume of rapidly expanding hot sticky semi-solid foam.
- ▶ Alcohol stable foam.

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

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

**Advice for firefighters**

|                              |  |
|------------------------------|--|
| <b>Fire Fighting</b>         | ▶ Alert Fire Brigade and tell them location and nature of hazard.  |
| <b>Fire/Explosion Hazard</b> | <p>Polyurethane polymer is a combustible material which may be ignited if exposed to an open flame.</p> <p>- Combustible.</p> <p>Combustion products include:</p> <p>carbon dioxide (CO<sub>2</sub>)</p> <p>isocyanates</p> <p>hydrogen cyanide</p> <p>and minor amounts of</p> <p>nitrogen oxides (NO<sub>x</sub>)</p> <p>sulfur oxides (SO<sub>x</sub>)</p> <p>other pyrolysis products typical of burning organic material.</p> <p>May emit corrosive fumes.</p> <p>When heated at high temperatures many isocyanates decompose rapidly generating a vapour which pressurises containers, possibly to the point of rupture.</p> |
| <b>HAZCHEM</b>               | Not Applicable   |

**SECTION 6 Accidental release measures****Personal precautions, protective equipment and emergency procedures**

See section 8

**Environmental precautions**

See section 12

**Methods and material for containment and cleaning up**

|                     |  |
|---------------------|--|
| <b>Minor Spills</b> | Contain spill with inert non- combustible absorbent then place in suitable container for disposal. Clean area with large quantity of water to complete clean- up.  |
| <b>Major Spills</b> | <ul style="list-style-type: none"> <li>▶ Clean up all spills immediately.</li> </ul> <p>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.</p> |

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

**SECTION 7 Handling and storage****Precautions for safe handling**

|                          |   |
|--------------------------|---|
| <b>Safe handling</b>     | ▶ Avoid unnecessary personal contact, including inhalation.   |
| <b>Other information</b> | <p>Consider storage under inert gas.</p> <p>for commercial quantities of isocyanates:</p> <ul style="list-style-type: none"> <li>· Isocyanates should be stored in adequately bunded areas.</li> <li>▶ Store in original containers.</li> </ul> |

**Conditions for safe storage, including any incompatibilities**

|                                |   |
|--------------------------------|---|
| <b>Suitable container</b>      | ▶ Packaging as recommended by manufacturer. |
| <b>Storage incompatibility</b> | ▶ may react with strong oxidisers           |

**SECTION 8 Exposure controls / personal protection****Control parameters**

Occupational Exposure Limits (OEL)

INGREDIENT DATA

Continued...

## Resene FX Write- On Wall Paint Part B

| Source                       | Ingredient  | Material name                | TWA                            | STEL                            | Peak          | Notes         |
|------------------------------|---|------------------------------|--------------------------------|---------------------------------|---------------|---------------|
| Australia Exposure Standards | propylene glycol monomethyl ether acetate, alpha-isomer | 1-Methoxy-2-propanol acetate | 50 ppm / 274 mg/m <sup>3</sup> | 548 mg/m <sup>3</sup> / 100 ppm | Not Available | Not Available |

## Emergency Limits

| Ingredient  | TEEL-1        | TEEL-2        | TEEL-3        |
|---|---------------|---------------|---------------|
| propylene glycol monomethyl ether acetate, alpha-isomer | Not Available | Not Available | Not Available |

| Ingredient  | Original IDLH | Revised IDLH  |
|---|---------------|---------------|
| N,N-dimethylcyclohexylamine/ CAPS/ hexamethylene diisocyanate blocked | Not Available | Not Available |
| propylene glycol monomethyl ether acetate, alpha-isomer               | Not Available | Not Available |


## Occupational Exposure Banding

| Ingredient  | Occupational Exposure Band Rating | Occupational Exposure Band Limit |
|---|-----------------------------------|----------------------------------|
| N,N-dimethylcyclohexylamine/ CAPS/ hexamethylene diisocyanate blocked | E                                 | ≤ 0.1 ppm                        |

**Notes:** Occupational exposure banding is a process of assigning chemicals into specific categories or bands based on a chemical's potency and the adverse health outcomes associated with exposure. The output of this process is an occupational exposure band (OEB), which corresponds to a range of exposure concentrations that are expected to protect worker health.

## MATERIAL DATA

## Exposure controls

|  |   |
|--|---|
| <b>Appropriate engineering controls</b>                                      | <ul style="list-style-type: none"> <li>▶ All processes in which isocyanates are used should be enclosed wherever possible. Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard.</li> </ul>  |
| <b>Individual protection measures, such as personal protective equipment</b> |    |
| <b>Eye and face protection</b>   | <ul style="list-style-type: none"> <li>▶ Safety glasses with side shields.</li> </ul>   |
| <b>Skin protection</b>   | See Hand protection below   |
| <b>Hands/feet protection</b>   | <p><b>NOTE:</b></p> <ul style="list-style-type: none"> <li>▶ The material may produce skin sensitisation in predisposed individuals.</li> </ul> <p>For esters:</p> <ul style="list-style-type: none"> <li>▶ Do NOT use natural rubber, butyl rubber, EPDM or polystyrene-containing materials.</li> </ul> <p>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.</p> <ul style="list-style-type: none"> <li>▶ Do NOT wear natural rubber (latex gloves).</li> <li>▶ Isocyanate resistant materials include Teflon, Viton, nitrile rubber and some PVA gloves.</li> <li>▶ <b>DO NOT use skin cream unless necessary and then use only minimum amount.</b></li> </ul> |
| <b>Body protection</b>   | Overalls  |

## Respiratory protection

Respiratory protection required in insufficiently ventilated areas and during spraying. An air-fed mask, or for short periods of work, a combination of charcoal and particulate filter A2-P2 (EN529) is recommended.

## SECTION 9 Physical and chemical properties

## Information on basic physical and chemical properties

|   |   |  |               |
|---|---|--|---------------|
| <b>Appearance</b>                                   | Colourless to yellowish liquid with slight ester-like odour |  |               |
| <b>Physical state</b>                               | Liquid  | <b>Relative density (Water = 1)</b>            | 1.12-1.15     |
| <b>Odour</b>  | Not Available   | <b>Partition coefficient n-octanol / water</b> | Not Available |
| <b>Odour threshold</b>                              | Not Available   | <b>Auto-ignition temperature (°C)</b>          | Not Available |
| <b>pH (as supplied)</b>                             | Not Available   | <b>Decomposition temperature (°C)</b>          | Not Available |
| <b>Melting point / freezing point (°C)</b>          | Not Available   | <b>Viscosity (cSt)</b>                         | Not Available |
| <b>Initial boiling point and boiling range (°C)</b> | 180-192   | <b>Molecular weight (g/mol)</b>                | Not Available |

Continued...

## Resene FX Write- On Wall Paint Part B

|                           |               |                                  |               |
|---------------------------|---------------|----------------------------------|---------------|
| Flash point (°C)          | 61-75         | Taste                            | Not Available |
| Evaporation rate          | Not Available | Explosive properties             | Not Available |
| Flammability              | Combustible.  | Oxidising properties             | Not Available |
| Upper Explosive Limit (%) | Not Available | Surface Tension (dyn/cm or mN/m) | Not Available |
| Lower Explosive Limit (%) | Not Available | Volatile Component (%vol)        | 8             |
| Vapour pressure (kPa)     | Not Available | Gas group                        | Not Available |
| Solubility in water       | Immiscible    | pH as a solution (1%)            | Not Available |
| Vapour density (Air = 1)  | Not Available | VOC g/L                          | 109           |

## 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

|              |  |
|--------------|--|
| Inhaled      | The material may produce respiratory irritation.   |
| Ingestion    | The material may produce adverse health effects following ingestion.   |
| Skin Contact | Limited evidence exists, or practical experience predicts, that the material either produces inflammation of the skin in a substantial number of individuals following direct contact, and/or produces significant inflammation when applied to the healthy intact skin of animals, for up to four hours, such inflammation being present twenty-four hours or more after the end of the exposure period.<br>Open cuts, abraded or irritated skin should not be exposed to this material<br>Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effects.   |
| Eye          | Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).   |
| Chronic      | Practical evidence shows that inhalation of the material is capable of inducing a sensitisation reaction in a substantial number of individuals at a greater frequency than would be expected from the response of a normal population.<br>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.<br>Toxic: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.<br>Serious damage (clear functional disturbance or morphological change which may have toxicological significance) is likely to be caused by repeated or prolonged exposure. |

|  |   |   |
|--|---|---|
| Resene FX Write- On Wall Paint Part B                                    | <b>TOXICITY</b>   | <b>IRRITATION</b>   |
|  | Not Available   | Not Available   |
| N,N-dimethylcyclohexylamine/<br>CAPS/ hexamethylene diisocyanate blocked | <b>TOXICITY</b>   | <b>IRRITATION</b>   |
|  | Inhalation (Rat) LC50: 0.158 mg/L4h <sup>[2]</sup><br>Oral (Rat) LD50: >5000 mg/kg <sup>[2]</sup> | Not Available   |
| propylene glycol monomethyl ether acetate, alpha-isomer                  | <b>TOXICITY</b>   | <b>IRRITATION</b>   |
|  | dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup><br>Oral (Rat) LD50: 3739 mg/kg <sup>[2]</sup>       | Eye: no adverse effect observed (not irritating) <sup>[1]</sup><br>Skin: no adverse effect observed (not irritating) <sup>[1]</sup> |

## Resene FX Write- On Wall Paint Part B

**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

|   |   |
|---|---|
| <b>N,N-DIMETHYLCYCLOHEXYLAMINE/CAPS/ HEXAMETHYLENE DIISOCYANATE BLOCKED</b>   | SDS Ardex 6 P Part B Crosslinker Ardex Engineered Cements<br>Allergic reactions which develop in the respiratory passages as bronchial asthma or rhinoconjunctivitis, are mostly the result of reactions of the allergen with specific antibodies of the IgE class and belong in their reaction rates to the manifestation of the immediate type.<br>Particular attention is drawn to so-called atopic diathesis which is characterised by an increased susceptibility to allergic rhinitis, allergic bronchial asthma and atopic eczema (neurodermatitis) which is associated with increased IgE synthesis.<br>Exogenous allergic alveolitis is induced essentially by allergen specific immune-complexes of the IgG type; cell-mediated reactions (T lymphocytes) may be involved. No significant acute toxicological data identified in literature search. |
| <b>PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE, ALPHA-ISOMER</b>  | A BASF report (in ECETOC ) showed that inhalation exposure to 545 ppm PGMEA (beta isomer) was associated with a teratogenic response in rabbits; but exposure to 145 ppm and 36 ppm had no adverse effects. The beta isomer of PGMEA comprises only 10% of the commercial material, the remaining 90% is alpha isomer. *Shin-Etsu SDS<br>for propylene glycol ethers (PGEs):<br>Typical propylene glycol ethers include propylene glycol n-butyl ether (PnB); dipropylene glycol n-butyl ether (DPnB); dipropylene glycol methyl ether acetate (DPMA); tripropylene glycol methyl ether (TPM).<br>Testing of a wide variety of propylene glycol ethers Testing of a wide variety of propylene glycol ethers has shown that propylene glycol-based ethers are less toxic than some ethers of the ethylene series.  |
| <b>Resene FX Write- On Wall Paint Part B &amp; N,N-DIMETHYLCYCLOHEXYLAMINE/CAPS/ HEXAMETHYLENE DIISOCYANATE BLOCKED</b> | Asthma-like symptoms may continue for months or even years after exposure to the material ends.<br>The following information refers to contact allergens as a group and may not be specific to this product.<br>Isocyanate vapours/mists are irritating to the upper respiratory tract and lungs; the response may be severe enough to produce bronchitis with wheezing, gasping and severe distress, even sudden loss of consciousness, and pulmonary oedema.  |
| <b>Resene FX Write- On Wall Paint Part B &amp; PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE, ALPHA-ISOMER</b>              | Generally, linear and branched-chain alkyl esters are hydrolysed to their component alcohols and carboxylic acids in the intestinal tract, blood and most tissues throughout the body.  |

|                                   |   |                          |   |
|-----------------------------------|---|--------------------------|---|
| 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

|   |  |                           |                               |               |               |
|---|--|---------------------------|-------------------------------|---------------|---------------|
| <b>Resene FX Write- On Wall Paint Part B</b>                                | <b>Endpoint</b>  | <b>Test Duration (hr)</b> | <b>Species</b>                | <b>Value</b>  | <b>Source</b> |
|   | Not Available  | Not Available             | Not Available                 | Not Available | Not Available |
| <b>N,N-dimethylcyclohexylamine/CAPS/ hexamethylene diisocyanate blocked</b> | <b>Endpoint</b>  | <b>Test Duration (hr)</b> | <b>Species</b>                | <b>Value</b>  | <b>Source</b> |
|   | LC50   | 96h                       | Fish                          | 35.2mg/l      | Not Available |
|   | EC50(ECx)  | 72h                       | Algae or other aquatic plants | 72mg/l        | Not Available |
|   | EC50   | 72h                       | Algae or other aquatic plants | 72mg/l        | Not Available |
|   | EC50   | 48h                       | Crustacea                     | >100mg/l      | Not Available |
| <b>propylene glycol monomethyl ether acetate, alpha-isomer</b>              | <b>Endpoint</b>  | <b>Test Duration (hr)</b> | <b>Species</b>                | <b>Value</b>  | <b>Source</b> |
|   | EC50   | 72h                       | Algae or other aquatic plants | >1000mg/l     | 2             |
|   | LC50   | 96h                       | Fish                          | 100-180mg/l   | 2             |
|   | EC50   | 48h                       | Crustacea                     | 373mg/l       | 2             |
|   | NOEC(ECx)  | 336h                      | Fish                          | 47.5mg/l      | 2             |
|   | EC50   | 96h                       | Algae or other aquatic plants | >1000mg/l     | 2             |
| <b>Legend:</b>  | 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.

For Propylene Glycol Ethers: log Kow's range from 0.309 for TPM to 1.523 for DPnB.

For Glycol Ethers:

Environmental Fate: Several glycol ethers have been shown to biodegrade however; biodegradation slows as molecular weight increases.

**DO NOT discharge into waterways.**

## Persistence and degradability

Continued...

## Resene FX Write- On Wall Paint Part B

| Ingredient  | Persistence: Water/Soil | Persistence: Air |
|---|-------------------------|------------------|
| propylene glycol monomethyl ether acetate, alpha-isomer | LOW                     | LOW              |

## Bioaccumulative potential

| Ingredient  | Bioaccumulation     |
|---|---------------------|
| propylene glycol monomethyl ether acetate, alpha-isomer | LOW (LogKOW = 0.56) |

## Mobility in soil

| Ingredient  | Mobility               |
|---|------------------------|
| propylene glycol monomethyl ether acetate, alpha-isomer | HIGH (Log KOC = 1.838) |

## SECTION 13 Disposal considerations

## Waste treatment methods

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

## SECTION 14 Transport information

## Labels Required

|                  |                |
|------------------|----------------|
| Marine Pollutant | NO             |
| HAZCHEM          | Not Applicable |

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

## 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         |
|---|---------------|
| N,N-dimethylcyclohexylamine/ CAPS/ hexamethylene diisocyanate blocked | Not Available |
| propylene glycol monomethyl ether acetate, alpha-isomer               | Not Available |

## 14.7.3. Transport in bulk in accordance with the IGC Code

| Product name  | Ship Type     |
|---|---------------|
| N,N-dimethylcyclohexylamine/ CAPS/ hexamethylene diisocyanate blocked | Not Available |
| propylene glycol monomethyl ether acetate, alpha-isomer               | Not Available |

## SECTION 15 Regulatory information

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

N,N-dimethylcyclohexylamine/ CAPS/ hexamethylene diisocyanate blocked is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals  
 Australian Inventory of Industrial Chemicals (AIIC)

propylene glycol monomethyl ether acetate, alpha-isomer is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals  
 Australian Inventory of Industrial Chemicals (AIIC)

## Additional Regulatory Information

Not Applicable

## Resene FX Write- On Wall Paint Part B

## National Inventory Status

| National Inventory                             | Status  |
|--|---|
| Australia - AIC / Australia Non-Industrial Use | Yes   |
| Canada - DSL                                   | Yes   |
| Canada - NDSL                                  | No (N,N-dimethylcyclohexylamine/ CAPS/ hexamethylene diisocyanate blocked; propylene glycol monomethyl ether acetate, alpha-isomer)   |
| China - IECSC                                  | No (N,N-dimethylcyclohexylamine/ CAPS/ hexamethylene diisocyanate blocked)  |
| Europe - EINEC / ELINCS / NLP                  | No (N,N-dimethylcyclohexylamine/ CAPS/ hexamethylene diisocyanate blocked)  |
| Japan - ENCS                                   | No (N,N-dimethylcyclohexylamine/ CAPS/ hexamethylene diisocyanate blocked)  |
| Korea - KECI                                   | Yes   |
| New Zealand - NZIoC                            | Yes   |
| Philippines - PICCS                            | Yes   |
| USA - TSCA                                     | Yes   |
| Taiwan - TCSI                                  | Yes   |
| Mexico - INSQ                                  | No (N,N-dimethylcyclohexylamine/ CAPS/ hexamethylene diisocyanate blocked)  |
| Vietnam - NCI                                  | Yes   |
| Russia - FBEPH                                 | No (N,N-dimethylcyclohexylamine/ CAPS/ hexamethylene diisocyanate blocked)  |
| <b>Legend:</b>                                 | 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 | 23/05/2024 |
| Initial Date  | 06/10/2019 |

## SDS Version Summary

| Version | Date of Update | Sections Updated  |
|---------|----------------|---|
| 3.4     | 23/05/2024     | Toxicological information - Acute Health (eye), Hazards identification - Classification, First Aid measures - First Aid (eye) |

## Other information

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

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

## Definitions and abbreviations

- ▶ PC - TWA: Permissible Concentration-Time Weighted Average
- ▶ 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
  
- ▶ AIC: 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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