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

Product Identifier

<table>
<thead>
<tr>
<th>Product name</th>
<th>RESENE CROWN CEILING PAINT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonyms</td>
<td>Not Available</td>
</tr>
<tr>
<td>Other means of identification</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

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

| Relevant identified uses | 9689 |

Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Registered company name</th>
<th>Resene Paints Ltd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>32-50 Vogel Street 5011 Naenae Wellington New Zealand</td>
</tr>
<tr>
<td>Telephone</td>
<td>+64 4 577 0500</td>
</tr>
<tr>
<td>Fax</td>
<td>+64 4 5773327</td>
</tr>
<tr>
<td>Website</td>
<td><a href="http://www.resene.co.nz">www.resene.co.nz</a></td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:advice@resene.co.nz">advice@resene.co.nz</a></td>
</tr>
</tbody>
</table>

Emergency telephone number

<table>
<thead>
<tr>
<th>Association / Organisation</th>
<th>NZ POISONS (24hr 7 days)</th>
<th>CHEMWATCH EMERGENCY RESPONSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency telephone numbers</td>
<td>0800 764766</td>
<td>+64 800 700 112</td>
</tr>
<tr>
<td>Other emergency telephone numbers</td>
<td>Not Available</td>
<td>+61 2 9186 1132</td>
</tr>
</tbody>
</table>

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Classification [1]</th>
<th>Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Determined by Chemwatch using GHS/HSNO criteria</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Label elements

<table>
<thead>
<tr>
<th>Hazard pictogram(s)</th>
<th>Not Applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIGNAL WORD</td>
<td>NOT APPLICABLE</td>
</tr>
</tbody>
</table>

Hazard statement(s)

- Not Applicable
- Not considered a Hazardous Substance according to the criteria of the New Zealand

Precautionary statement(s) Prevention

- Not Applicable

Precautionary statement(s) Response

- Not Applicable

Precautionary statement(s) Storage

- Not Applicable

Precautionary statement(s) Disposal

- Not Applicable

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

Continued...
SECTION 4 FIRST AID MEASURES

Description of first aid measures

<table>
<thead>
<tr>
<th>Eye Contact</th>
<th>If this product comes in contact with eyes:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>➤ Wash out immediately with water.</td>
</tr>
<tr>
<td></td>
<td>➤ If irritation continues, seek medical attention.</td>
</tr>
<tr>
<td></td>
<td>➤ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skin Contact</th>
<th>If skin or hair contact occurs:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>➤ Flush skin and hair with running water (and soap if available).</td>
</tr>
<tr>
<td></td>
<td>➤ Seek medical attention in event of irritation.</td>
</tr>
</tbody>
</table>

| Inhalation | If fumes, aerosols or combustion products are inhaled remove from contaminated area. |
|           | Other measures are usually unnecessary. |

| Ingestion | Immediately give a glass of water. |
|          | First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor. |

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

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media
➤ There is no restriction on the type of extinguisher which may be used.
➤ Use extinguishing media suitable for surrounding area.

Special hazards arising from the substrate or mixture

| Fire Incompatibility | None known. |

Advice for firefighters

| Fire Fighting | Use water delivered as a fine spray to control fire and cool adjacent area. |
| Fire/Explosion Hazard | Non combustible. |

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 | Clean up all spills immediately. Contain spill with sawdust or sand then place in suitable container for disposal. Clean area with large quantity of water to complete clean-up. |
| Major Spills | Clear area of personnel. Contain spill with sawdust or sand then place in suitable container for disposal. Clean area with large quantity of water to complete clean-up. |

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

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

| Safe handling | Limit all unnecessary personal contact. |
| Other information | |

Conditions for safe storage, including any incompatibilities

| Suitable container | As supplied by manufacturer. |
| Storage incompatibility | None known |

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

| OCCIDENTAL EXPOSURE LIMITS (OEL) |
| INGREDIENT DATA |
| Not Available |
| EMERGENCY LIMITS |

Continued...
## Exposure controls

**Appropriate engineering controls**
Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard.

**Personal protection**

**Eye and face protection**
- Safety glasses with side shields
- Chemical goggles.

**Skin protection**
See Hand protection below

**Hands/feet protection**
Wear general protective gloves, e.g., light weight rubber gloves.
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**
See Other protection below

**Other protection**
No special equipment needed when handling small quantities.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

- **Appearance**: White dispersion
- **Physical state**: Liquid
- **Relative density (Water = 1)**: 1.28
- **Odour**: Not Available
- **Partition coefficient n-octanol / water**: Not Available
- **Odour threshold**: Not Available
- **pH (as supplied)**: 8-9
- **Auto-ignition temperature (°C)**: Not Available
- **Decomposition temperature**: Not Available
- **Melting point / freezing point (°C)**: Not Available
- **Viscosity (cSt)**: 1200-2000
- **Initial boiling point and boiling range (°C)**: 100
- **Molecular weight (g/mol)**: Not Available
- **Flash point (°C)**: Not Available
- **Taste**: Not Available
- **Evaporation rate**: Not Available
- **Explosive properties**: Not Available
- **Flammability**: Not Available
- **Surface Tension (dyn/cm or mN/m)**: Not Available
- **Upper Explosive Limit (%)**: Not Available
- **Lower Explosive Limit (%)**: Not Available
- **Volatile Component (%vol)**: 63
- **Vapour pressure (kPa)**: Not Available
- **Gas group**: Not Available
- **Solubility in water**: Miscible
- **pH as a solution (1%)**: Not Available
- **Vapour density (Air = 1)**: Not Available
- **VOC g/L**: 7

## SECTION 10 STABILITY AND REACTIVITY

- **Reactivity**: See section 7
- **Chemical stability**: Product is considered stable and hazardous polymerisation will not occur.
- **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 is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models).
- **Ingestion**: The material has **NOT** been classified by EC Directives or other classification systems as 'harmful by ingestion'.
- **Skin Contact**: The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models).
**SECTION 12 ECOLOGICAL INFORMATION**

### Toxicity

<table>
<thead>
<tr>
<th>RESENE CROWN CEILING PAINT</th>
<th>ENDPOINT</th>
<th>TEST DURATION (HR)</th>
<th>SPECIES</th>
<th>VALUE</th>
<th>SOURCE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Acute Toxicity</th>
<th>Carcinogenicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Skin Irritation/Corrosion</th>
<th>Reproductivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Serious Eye Damage/Irritation</th>
<th>STOT - Single Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Respiratory or Skin sensitisation</th>
<th>STOT - Repeated Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mutagenicity</th>
<th>Aspiration Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>*</td>
</tr>
</tbody>
</table>

**LEGEND:**

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

### Persistence and degradability

**Ingredient**

<table>
<thead>
<tr>
<th>Persistence: Water/Soil</th>
<th>Persistence: Air</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Data available for all ingredients</td>
<td>No Data available for all ingredients</td>
</tr>
</tbody>
</table>

### Bioaccumulative potential

**Ingredient**

<table>
<thead>
<tr>
<th>Bioaccumulation</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Data available for all ingredients</td>
</tr>
</tbody>
</table>

### Mobility in soil

**Ingredient**

<table>
<thead>
<tr>
<th>Mobility</th>
</tr>
</thead>
<tbody>
<tr>
<td>No Data available for all ingredients</td>
</tr>
</tbody>
</table>

**SECTION 13 DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

<table>
<thead>
<tr>
<th>Product / Packaging disposal</th>
<th>Legislation addressing waste disposal requirements may differ by country, state and/or territory.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• <strong>DO NOT</strong> allow wash water from cleaning or process equipment to enter drains.</td>
</tr>
<tr>
<td></td>
<td>• Recycle wherever possible.</td>
</tr>
</tbody>
</table>

**Disposal Requirements**

Not applicable as substance/material is non-hazardous.

**SECTION 14 TRANSPORT INFORMATION**

**Labels Required**

<table>
<thead>
<tr>
<th>Marine Pollutant</th>
<th>NO</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HAZCHEM</th>
<th>Not Applicable</th>
</tr>
</thead>
</table>

Continued...
Land transport (UN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

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

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

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

SECTION 15 REGULATORY INFORMATION

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

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

<table>
<thead>
<tr>
<th>HSR Number</th>
<th>Group Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

Hazardous Substance Location

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

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Quantity beyond which controls apply for closed containers</th>
<th>Quantity beyond which controls apply when use occurring in open containers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

Certified Handler

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

<table>
<thead>
<tr>
<th>Class of substance</th>
<th>Quantities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Applicable</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

Refer Group Standards for further information

Tracking Requirements
Not Applicable

National Inventory Status

<table>
<thead>
<tr>
<th>National Inventory</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia - AICS</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada - DSL</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada - NDSL</td>
<td>Yes</td>
</tr>
<tr>
<td>China - IECSC</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe - EINEC / ELINCS / NLP</td>
<td>Yes</td>
</tr>
<tr>
<td>Japan - ENCS</td>
<td>Yes</td>
</tr>
<tr>
<td>Korea - KECS</td>
<td>Yes</td>
</tr>
<tr>
<td>New Zealand - NZIoC</td>
<td>Yes</td>
</tr>
<tr>
<td>Philippines - PICCS</td>
<td>Yes</td>
</tr>
<tr>
<td>USA - TSCA</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Legend:
Yes = All ingredients are on the inventory
No = Not determined or one or more ingredients are not on the inventory and are not exempt from listing (see specific ingredients in brackets)

SECTION 16 OTHER INFORMATION

<table>
<thead>
<tr>
<th>Revision Date</th>
<th>28/02/2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Date</td>
<td>28/02/2019</td>
</tr>
</tbody>
</table>

Other information

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

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

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