# Safety Data Sheet

## SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

<table>
<thead>
<tr>
<th><strong>Product Name</strong></th>
<th>KWILA TIMBER STAIN</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Other Names</strong></td>
<td>UN1263 PAINT. Product Code: 22819</td>
</tr>
<tr>
<td><strong>Recommended Use</strong></td>
<td>Penetrating timber stain for exterior timber decks and furniture.</td>
</tr>
<tr>
<td><strong>Company Name</strong></td>
<td>Resene Paints (Australia) Limited.</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>7 Production Avenue Molendinar, Queensland 4214.</td>
</tr>
<tr>
<td><strong>Emergency Tel</strong></td>
<td>Available Monday – Friday, 8:00 a.m. – 5:00 p.m.</td>
</tr>
<tr>
<td><strong>Free Call</strong></td>
<td>1800 738 383</td>
</tr>
<tr>
<td><strong>Phone</strong></td>
<td>07 3287 0222</td>
</tr>
<tr>
<td><strong>Fax</strong></td>
<td>07 3287 0226</td>
</tr>
</tbody>
</table>

## SECTION 2. HAZARDS IDENTIFICATION

### Hazard Statement
HAZARDOUS SUBSTANCE. DANGEROUS GOODS.
According to the criteria of the GHS and the ADG code.

### GHS Classification
- **Flammable liquid**: Category 3
- **Acute toxicity - Oral**: Category 4
- **Acute Toxicity - Inhalation**: Category 4
- **Toxic to Reproduction**: Category 1B
- **Skin Corrosion/Irritation**: Category 2
- **Serious Eye Damage/Irritation**: Category 2A
- **Sensitisation- Skin**: Category 1
- **Specific Target Organ Toxicity (repeated exposure)**: Category 2
- **Specific Target Organ Toxicity (single exposure)**: Category 3

### Label Elements
![DANGER]

### Hazard Statements
- Flammable liquid and vapour.
- Harmful if swallowed or inhaled.
- May damage fertility or the unborn child.
- Causes skin irritation and eye irritation.
- May cause damage to organs through prolonged or repeated exposure.
- May cause drowsiness or dizziness.
- May cause respiratory irritation.

### Precautionary statements
- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read label before use.
- Keep away from heat, sparks, open flames, hot surfaces – No smoking.
- Keep container tightly closed.
- Ground container and receiving equipment.
- Use explosion-proof electrical, ventilation, lighting and other equipment.
- Use non sparking tools.
- Take precautionary measures against static discharge.
- Wear protective gloves, eye (or face) protection and other personal protection as required.
Wash thoroughly after handling.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe vapour.
Use only outdoors or in a well-ventilated area.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Name</th>
<th>CAS</th>
<th>Proportion %</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solvent naphtha (petroleum), light aromatic</td>
<td>64742-95-6</td>
<td>10 - &lt; 30</td>
</tr>
<tr>
<td></td>
<td>Dimethyl glutarate</td>
<td>1119-40-0</td>
<td>10 - &lt; 30</td>
</tr>
<tr>
<td></td>
<td>Xylene</td>
<td>1330-20-7</td>
<td>10 - &lt; 30</td>
</tr>
<tr>
<td></td>
<td>2-butoxyethanol</td>
<td>111-76-2</td>
<td>&lt; 10</td>
</tr>
<tr>
<td></td>
<td>Butyl acetate</td>
<td>123-86-4</td>
<td>&lt; 10</td>
</tr>
<tr>
<td></td>
<td>Toluene</td>
<td>108-88-3</td>
<td>&lt; 10</td>
</tr>
<tr>
<td></td>
<td>2,2,4-trimethyl-1,3-diol monoisobutyrate</td>
<td>25265-77-4</td>
<td>&lt; 10</td>
</tr>
<tr>
<td></td>
<td>Dibutyl phthalate</td>
<td>84-74-2</td>
<td>&lt; 10</td>
</tr>
<tr>
<td></td>
<td>2-(thiocyanomethylthio)benzothiazole</td>
<td>21564-17-0</td>
<td>&lt; 1</td>
</tr>
<tr>
<td></td>
<td>Iodocarb</td>
<td>55406-53-6</td>
<td>&lt; 1</td>
</tr>
<tr>
<td></td>
<td>92-benzothiazolylthio)butanedioic acid</td>
<td>95154-01-1</td>
<td>&lt; 1</td>
</tr>
<tr>
<td></td>
<td>Ingredients not contribution to classification</td>
<td>Proprietary</td>
<td>&lt; 10</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

**Swallowed**
Immediately call a POISON CENTRE or doctor. Rinse mouth with plenty of water then provide liquid slowly and as much as the person can comfortably drink. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Do NOT induce vomiting.

**Eyes**
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

**Skin (or hair)**
Remove immediately all contaminated clothing and wash before reuse. Wash skin with plenty of soap and water/shower. If skin irritation or rash occurs get medical attention.

**Inhaled**
Remove victim to fresh air and keep at rest in a comfortable position for breathing. Call a POISON CENTRE or doctor if you feel unwell.

**First Aid Facilities**
Eye wash facilities

**Symptoms caused by exposure**
The normal routes of exposure are usually by skin contact with the material and/or inhalation of the vapour.
Initial contact with this product may cause skin and eye irritation.
Vapours may cause drowsiness or dizziness.
Long term use may cause defatting of the skin which may lead to Irritant Contact Dermatitis. May cause sensitisation by skin contact.
For persons with a history of eczema or skin allergies, it is inadvisable to use this product.
Inhalation of vapour over an extended period may result in nervous system impairment and liver and blood changes.
Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in the workplace atmosphere, should be avoided. Ingestion in any form can be avoided by observing correct occupational hygiene.

**Medical Attention and Special Treatment**
Treat symptomatically.
### SECTION 5. FIRE FIGHTING MEASURES

| Extinguisher | For small fires - Alcohol stable foam or carbon dioxide. For large fires - Water spray or fog, or dry chemical powder. Do not use water in a jet. |
| Hazards from combustion products | On combustion, this product may emit toxic fumes of carbon monoxide and carbon dioxide. May emit clouds of acrid smoke. |
| Special protective precautions and equipment for fire fighters | Wear breathing apparatus plus protective clothing and gloves. Prevent, by any means available, spillage from entering drains or water course. DO NOT approach containers suspected of being hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Vapours are heavier than air and can spread along the ground to distant ignition sources causing flashback. |
| Hazchem code | 3[Y] |

### SECTION 6. ACCIDENTAL RELEASE MEASURES

| Emergency procedures | Avoid contact with spilled or released material. Avoid breathing vapour and avoid contact with skin and eyes. |
| Environmental precautions | Prevent, by any means available, spillage or fire fighting media from entering drains or water course. |
| Methods and materials for containment and clean up. | Minor spills Contain and absorb small quantities with vermiculate or other non-flammable absorbent material. Wipe up. Control personal contact by using protective equipment. Collect residues in a suitable waste container. | Major spills Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so. Contain spill with sand, earth or vermiculite. Collect recoverable product into labelled containers for recycling. After clean up operations, decontaminate and launder all protective clothing and equipment before storing and re-using. |

### SECTION 7. HANDLING AND STORAGE

| Precautions for safe handling | Avoid all personal contact, including inhalation. Use and store in a well ventilated area. When handling, DO NOT eat drink or smoke. Avoid contact with incompatible materials. Always wash hands with soap and water. Observe proper occupational work practices. Keep containers securely sealed when not in use. Launder contaminated clothing before use. |
| Conditions for safe storage including any incompatibilities | Store locked up. Check all containers are clearly labelled and free from leaks. Keep containers securely sealed |
Store in a cool dry, well-ventilated area, away from sources of ignition. Avoid storage with oxidisers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National exposure standards for mixture

No exposure standard has been established for this product. Exposed individuals are not reasonably expected to be warned, by smell, that the exposure standard is being exceeded. If the breathing zone concentration of ANY of the components is exceeded then the individual is deemed to be over exposed.

<table>
<thead>
<tr>
<th>Component(s) with exposure standards</th>
<th>TWA ppm</th>
<th>mg/m³</th>
<th>STEL ppm</th>
<th>mg/m³</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent naphtha</td>
<td></td>
<td>790</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Toluene</td>
<td>50</td>
<td>191</td>
<td>150</td>
<td>574</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>20</td>
<td>96.9</td>
<td>50</td>
<td>242</td>
</tr>
<tr>
<td>Xylene</td>
<td>80</td>
<td>350</td>
<td>150</td>
<td>655</td>
</tr>
<tr>
<td>Butyl acetate</td>
<td>150</td>
<td>713</td>
<td>200</td>
<td>950</td>
</tr>
<tr>
<td>Dibutyl phthalate</td>
<td>-</td>
<td>5</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Biological Limit Values

No biological limits set for this product.

Biological Monitoring

Not Required.

Engineering Controls

Use in a well ventilated area. General exhaust is adequate under normal operating conditions. Local exhaust ventilation may be required in special circumstances. If risk of overexposure exists, wear an approved respirator in compliance with AS1716.

Personal Protection

Eyes. Safety glasses with side shields. Chemical goggles. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them. DO NOT wear contact lenses.

Hands Wear chemical protective gloves, e.g. Nitrile or nitrile-butatoluene rubber. Do not use cotton, leather, PVC, rubber or polyethylene gloves as they will absorb the solvents.

Protective Clothing Skin protection not ordinarily required beyond standard issue work clothes. Wear safety footwear.

Respirator Selection of the Class and Type of respirator will depend on the level of confinement of the contamination. The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Amber liquid
Odour Hydrocarbon
Vapour pressure 0.87kPa
Vapour density 3.8
Boiling point 157°C
Solubility Insoluble in water
Density 0.9 Kg/L
Flash Point 50°C
SECTION 10. STABILITY AND REACTIVITY

Chemical stability

Product is considered stable.

Conditions to avoid

Ignition sources
Presence of incompatible materials.

Incompatible materials

Flammable liquids should not be stored with:
- Class 1 – Explosives
- Class 2 – Flammable gases
- Class 2.3 – Poisonous gases
- Class 4.2 – Spontaneously combustible substances
- Class 5.1 – Oxidising agents
- Class 5.2 – Organic peroxides
- Class 7 – Radioactive substances.

Hazardous decomposition products

Carbon monoxide may be evolved if incomplete combustion occurs.

Hazardous reactions

Reacts violently with strong oxidizing agents.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicological information for this product is not available. Reference is made, where possible, to the individual constituents.

Acute Health Effects:

Inhaled.

Harmful by inhalation. LC$_{50}$ (rat)>20mg/l/4 hours (toluene). Vapour concentrations above exposure limits may be irritating to the eyes and respiratory tract. May cause headaches and dizziness. Prolonged exposure may result in unconsciousness.

Skin Contact.

May cause moderate irritation to skin. Skin irritation studies for rabbit (toluene) >2000 mg/kg. Will have a degreasing effect on the skin.

Eye Contact.

Moderate to severe eye irritant. Vapours may also irritate. Will cause discomfort and may cause redness, itching or blurred vision.

Swallowed.

Harmful if swallowed, LD$_{50}$ (rat)>2000mg/kg (toluene). Can result in irritation, headaches, nausea, vomiting and diarrhoea. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which can by fatal.

Chronic Health Effects:

Repeat exposure to high doses can affect the nervous system, or may cause liver or kidney damage. Prolonged contact may cause defatting of the skin which can lead to contact irritant dermatitis. This product contains Toluene. There is sufficient evidence, from animal studies, to suggest that exposure to toluene shows reason for concern owing to possible developmental toxic effects.
**SECTION 12. ECOLOGICAL INFORMATION**

No data available for this product. Refer to data for ingredients below:

Expected to be harmful to the aquatic environment. Do not empty into drains. Harmful to terrestrial vertebrates.

**Liquid hydrocarbons:**
- Fish: Toxic $1<\text{LC/EC/IC}_{50} \leq 10 \text{ mg/L}$
- Aquatic Invertebrates: Harmful; $10<\text{LC/EC/IC}_{50} \leq 100 \text{ mg/L}$
- Algae: Low toxicity: $\text{LC/EC/IC}_{50} > 100 \text{ mg/L}$

**Dibutyl phthalate:**
- Toxicity to fish LC$_{50}$: $Pimephales promelas$ (fathead minnow) - 0.85 mg/l - 96.0 h
- NOEC: $Pimephales promelas$ (fathead minnow) - 0.32 mg/l - 96.0 h
- Aquatic invertebrates LC$_{50}$: $Daphnia magna$ (Water flea) - 3.7 mg/l - 48 h

**Dimethyl glutarate:**
- Fish LC$_{50}$: $Lepomis macrochirus$ (bluegill sunfish) – 7.5mg/L – 96.0 h
- Aquatic invertebrates EC$_{50}$: $Daphnia magna$ (Water flea) - 17 mg/l - 48 h
- Algae EC$_{50}$: 47mg/L – 72 h

**Mobility** - Floats on water, highly mobile and may contaminate groundwater.

**Persistence/degradability** – Readily biodegradable. Oxidises by photo-chemical reactions in air.

**Bioaccumulation** – Does not bioaccumulate significantly.

**SECTION 13. DISPOSAL CONSIDERATIONS**

**Disposal methods and containers**
Consult State Land Waste Management Authority for disposal. Legislation addressing waste disposal requirements may differ by country, state and/or territory. Each user must refer to laws operating in their area.

**Special precautions for landfill or incineration**
- Incinerate residue at an approved site.
- Recycle containers if possible, or dispose of in an approved landfill.
- Packaging may still contain fumes and vapours that are flammable and harmful. Ensure that empty packaging is allowed to dry.

**SECTION 14. TRANSPORT INFORMATION**

<table>
<thead>
<tr>
<th>UN Number</th>
<th>UN Proper shipping name</th>
<th>Class</th>
<th>Subsidiary risk</th>
<th>Marine Pollutant</th>
<th>Packing Group</th>
<th>Special precautions for user</th>
</tr>
</thead>
<tbody>
<tr>
<td>1263</td>
<td>PAINT</td>
<td>3 Flammable Liquid</td>
<td>None</td>
<td>Yes – Chronic hazard category 2</td>
<td>III</td>
<td>The use of a quantity of material in an unventilated or confined space may result in increased exposure and an irritating atmosphere developing. Before commencing consider the use of mechanical ventilation to control exposure.</td>
</tr>
</tbody>
</table>

**Hazchem Code**: 3[Y]E

**SECTION 15. REGULATORY INFORMATION**

Poison Schedule 5[SUSMP]

**FIRST AID:**
- **A** For advice, contact a Poisons Information Centre, Australia 13 1126; New Zealand 0800 764 766, or a doctor at once.
- **G3** If swallowed, do NOT induce vomiting.
SAFETY DIRECTIONS:

1, 4 & 8 Avoid contact with eyes, skin and avoid breathing dust, vapour or spray mist.

The principal components of this product are included in the Australian Inventory of Chemical Substances (AICS) and comply with the requirements of the Industrial Chemicals (Notification and Assessment) Act 1989.

NZ HSNO Classification: 3.1C 6.1Doral/inhal 6.1Ederm 6.3A 6.4A 6.5B 6.8A 6.9B 9.1B 9.3C

SECTION 16. OTHER INFORMATION

Date of Preparation: 29th October 2013
Supersedes: 18th March 2010

Literature references.


MSDS’s for individual raw materials.
NZ Resene SDS for this product.

HSIS: Hazardous Substances Information System; Search exposure standards.

Standard for the Uniform Scheduling of Medicines and Poisons. No. 3


Abbreviations:

ADG Australian Code for the Transport of Dangerous Goods by Road & Rail
LD_{50} Median lethal dose
LC_{50} Median lethal concentration.
TWA Time weighted average
STEL Short term exposure limit
CAS Number Chemical Abstract Service registry number
HSNO Hazardous Substances New Organisms

Safety data sheets are updated frequently. Please ensure that you have a current copy.

The information contained herein is based on data considered accurate and reliable to the best of our knowledge and belief as of the date compiled. However no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use hereof. Resene Paints (Australia) Limited assumes no responsibility for personal injury or property damage to vendors, users or third parties caused by the material. Such users or vendors assume all risks associated with the use of the material. It is the users’ responsibility to satisfy themselves as to the suitability and completeness of the information for their own particular use. The user must determine whether the use of the information and data is in accordance with local laws and regulations.

END OF SDS