Safety Data Sheet

SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name
Sidewalk Paving Paint – Tint bases and Colours

Other Names
PAINT. Product Codes: 186_

Recommended Use
Sidewalk Paving Paint is based on tough flexible polyurethane resins to give maximum abrasion resistance in a one-pack finish. Can be used on concrete, decking, steps and timber.

Company Name
Resene Paints (Australia) Limited.

Address
7 Production Avenue
Molendinar, Queensland 4214.

Emergency Tel
1800 738 383 Available Monday – Friday, 8:00 a.m. – 5:00 p.m.

Phone
07 3287 0222

Fax
07 3287 0226

SECTION 2. HAZARDS IDENTIFICATION

Hazard Statement
HAZARDOUS SUBSTANCE. DANGEROUS GOODS. According to the criteria of the Safe Work Australia and the ADG code.

Classification
Flammable Liquid
Skin Corrosion/Irritation

Category 3
Category 2

Label Elements

WARNING

Hazard Statements
Flammable liquid and vapour
Causes skin irritation

Precautionary statements
Keep away from heat/sparks/open flames/hot surfaces
Keep container tightly closed
Ground/Bond container and receiving equipment
Use explosion-proof electrical/ventilating/lighting/…../equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Wear protective gloves/eye protection/face protection and other personal protection as required
Wash thoroughly after handling
Do not eat, drink or smoke when using this product
Avoid breathing vapour

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS</th>
<th>Proportion (v/v) %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urethane resin</td>
<td>Proprietary</td>
<td>30 - 60</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), light aromatic</td>
<td>64742-95-6</td>
<td>10 - &lt; 30</td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrodesulfurized heavy</td>
<td>64742-82-1</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>Methyl ethyl ketoxime</td>
<td>96-29-7</td>
<td>&lt; 1</td>
</tr>
<tr>
<td>Ingredients not contributing to classification</td>
<td>Proprietary</td>
<td>balance</td>
</tr>
</tbody>
</table>
## SECTION 4. FIRST AID MEASURES

### Swallowed
Rinse mouth with plenty of water then provide liquid slowly and as much as the person can comfortably drink. If swallowed DO NOT induce vomiting. If vomiting occurs, place person on their left side, tilt head back to maintain open airway and to prevent aspiration. Observe patient and seek medical advice.

### Eyes
Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. If eye irritation persists, get medical advice or attention.

### Skin (or hair)
Remove all contaminated clothing and wash before re-use. Wash skin with plenty of soap and water/shower. If skin irritation or rash occurs get medical advice or attention.

### Inhaled
If breathing is difficult, remove to fresh air and keep at rest in a comfortable position for breathing. If experiencing respiratory symptoms: Call a POISON CENTRE or doctor/physician.

### First Aid Facilities
Safety shower and eye wash facilities.

### Aggravated medical conditions caused by exposure.
The normal routes of exposure are usually by skin contact with the material and/or inhalation of the vapour. Contact with skin or eyes may cause irritation. Prolonged or repeated skin contact with the liquid may cause sensitisation which may manifest as Allergic Contact Dermatitis and/or asthma. Persons with a history of eczema are known to be sensitised to methyl ethyl ketoxime should consider not using this product. Inhalation of vapour or mists may cause irritation to the respiratory tract. Prolonged or repeated exposure may lead to sensitisation.

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.

### Advice to Doctor
Basic life support. Treat symptomatically.

## SECTION 5. FIRE FIGHTING MEASURES

### Extinguisher
Alcohol stable foam.
Dry chemical powder.
Carbon dioxide.
For large fires - water spray or fog.

### Hazards from combustion products
On combustion, this product may emit toxic fumes of carbon monoxide (CO).
May emit clouds of acrid smoke.

### Special protective precautions and equipment for fire fighters
Wear breathing apparatus plus protective gloves.
Prevent, by any means available, spillage from entering drains or water course.
DO NOT approach containers suspected of being hot.
May be violently or explosively reactive.
Cool fire exposed containers with water spray from a protected location.
If safe to do so, remove containers from path of fire.

### Hazchem code
3[Y]
SECTION 6. ACCIDENTAL RELEASE MEASURES

Emergency procedures
Remove all sources of ignition.
Avoid breathing vapours and avoid contact with skin and eyes.

Environmental Precautions
May pose a long term hazard on the aquatic environment. Prevent, by any means available, spillage 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.
Collect residues in a flammable waste container.

Major spills
Stop leak if safe to do so.
Contain spill with sand, earth or vermiculite.
Use only spark-free shovels and explosion proof equipment.
Collect recoverable product into labelled containers for recycling.
Collect solid residues and seal in labelled drums for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling
Use in a well ventilated area.
Avoid smoking, naked lights, heat or ignition sources.
When handling, DO NOT eat drink or smoke.
Vapour may ignite on pumping or pouring due to static electricity.
DO NOT use plastic buckets.
Use spark free tools when handling
Always wash hands with soap and water.
Observe proper occupational work practices.

Conditions for safe storage including any incompatibilities
Store in a metal can or drum in an approved flammable liquids storage area.
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</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>
</tbody>
</table>

Peak limitations Personal Protection
Eyes.
Safety glasses with side shields; or as required, Chemical goggles. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Hands/Feet
Wear chemical protective gloves.
Wear safety footwear.

Other
Overalls
**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>Coloured, viscous liquid.</td>
</tr>
<tr>
<td><strong>Odour</strong></td>
<td>Mild solvent odour.</td>
</tr>
<tr>
<td><strong>Vapour pressure</strong></td>
<td>Not established</td>
</tr>
<tr>
<td><strong>Vapour density</strong></td>
<td>&gt; 1</td>
</tr>
<tr>
<td><strong>Boiling point</strong></td>
<td>Not established</td>
</tr>
<tr>
<td><strong>Solubility</strong></td>
<td>Insoluble in water.</td>
</tr>
<tr>
<td><strong>Density</strong></td>
<td>1.1 – 1.2 Kg/L</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>38°C (Abel)</td>
</tr>
<tr>
<td><strong>UEL</strong></td>
<td>Not established</td>
</tr>
<tr>
<td><strong>LEL</strong></td>
<td>Not established</td>
</tr>
<tr>
<td><strong>Percent volatile</strong></td>
<td>50</td>
</tr>
</tbody>
</table>

**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**
Oxides of carbon and nitrogen on combustion.

**Hazardous reactions**
Hazardous polymerisation will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

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

**Acute Health Effects:**

**Swallowed:** Expected to be of low toxicity, however, aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal. Aspiration into the lungs is more dangerous than ingestion. Digestive symptoms may include nausea, vomiting and diarrhoea. Ingestion of large amounts may result in respiratory depression and may be fatal.

**Eye:** Irritating to the eyes causing pronounced inflammation.

**Skin:** Can cause moderate inflammation or the skin following direct contact. Systemic effects may result following skin absorption.
Inhaled: Inhalation of high concentrations may cause central nervous system depression resulting in headaches, dizziness, drowsiness and nausea. Continued inhalation may result in unconsciousness, coma and even death.

Solvent naphtha toxicity data:
- Oral LD<sub>50</sub> (rat): >2,000mg/Kg.
- Dermal LD<sub>50</sub> (rat): >2,000 mg/Kg

**Chronic Health Effects:**
This material contains methyl ethyl ketoxime which can potentially cause sensitisation by skin contact in some individuals. Exposure to a sensitizer, once sensitization has occurred, may manifest itself as a skin rash or inflammation or as an asthmatic condition, and is some individuals this reaction can be extremely severe. Repeat exposure to high solvent vapour 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 dermatitis.

**SECTION 12. ECOLOGICAL INFORMATION**
Expected to be harmful to the environment with lasting effects. Contain spillages. Prevent from entering drains, waterways, or sewers. Dispose of as hazardous waste.

Solvent naphtha:
- Fish: Toxic 1 < LC/EC/IC < 10 mg/L
- Aquatic Invertebrates: Toxic 1 < LC/EC/IC < 10 mg/L
- Algae: Toxic 1 < LC/EC/IC > 10 mg/L

Persistence/Degradability and Mobility
Product is mobile and may contaminate groundwater. The volatile component of this product is rapidly degraded in the atmosphere. Has the potential to bioaccumulate.

**SECTION 13. DISPOSAL CONSIDERATIONS**
Disposal methods and containers: Consult State Land Waste Management Authority for disposal.
Special precautions for landfill or incineration: Incinerate residue at an approved site. Recycle containers if possible, or dispose of in an approved landfill.

**SECTION 14. TRANSPORT INFORMATION**
- UN Number: 1263
- UN Proper shipping name: PAINT
- Class: 3 Flammable Liquid
- Subsidiary risk: None
- Poison Schedule: 5
- Packing Group: III
- Marine Pollutant: No
- Hazchem Code: 3[Y]

**SECTION 15. REGULATORY INFORMATION**
**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. Avoid contact with eyes.
2. Avoid contact with skin.
3. Avoid breathing dust, vapour or spray mist.

The principle components of this material are listed on the Australian Inventory of Chemical Substances (AICS).

<table>
<thead>
<tr>
<th>SECTION 16. OTHER INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Date of Preparation:</strong></td>
</tr>
<tr>
<td><strong>Replaces:</strong></td>
</tr>
</tbody>
</table>

**Literature references.**


SDS’s for individual raw materials.


Standard for the Uniform Scheduling of Medicines and Poisons. No. 2


**Abbreviations:**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOHSC</td>
<td>National Occupational Health and Safety Commission</td>
</tr>
<tr>
<td>ADG</td>
<td>Australian Code for the Transport of Dangerous Goods by Road &amp; Rail</td>
</tr>
<tr>
<td>LD_{50}</td>
<td>Median lethal dose</td>
</tr>
<tr>
<td>LC_{50}</td>
<td>Median lethal concentration.</td>
</tr>
<tr>
<td>TWA</td>
<td>Time weighted average.</td>
</tr>
<tr>
<td>STEL</td>
<td>Short term exposure limit.</td>
</tr>
<tr>
<td>CAS Number</td>
<td>Chemical Abstract Service registry number</td>
</tr>
</tbody>
</table>

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

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