Material Safety Data Sheet

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Supplier Name: TASMAN RESINFLOW PTY LTD
Address: PO Box 3172, Dural, NSW, AUSTRALIA, 2158
Telephone: (02) 9652 0400
Fax: (02) 9652 0411
Emergency: (02) 9652 0400
Email: taspac@bigpond.com

Synonym(s): P96 RESINFLOW • TASMAN RESINFLOW P96
Use(s): WATER PROOFING
MSDS Date: 07 January 2008

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA
NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Formula</th>
<th>CAS No.</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARBOXYLATED STYRENE-BUTADIENE COPOLYMER</td>
<td>Not Available</td>
<td>Not Available</td>
<td>40-45%</td>
</tr>
<tr>
<td>FILLERS</td>
<td>Not Available</td>
<td>Not Available</td>
<td>40-45%</td>
</tr>
<tr>
<td>ADDITIVES</td>
<td>Not Available</td>
<td>Not Available</td>
<td>7-15%</td>
</tr>
<tr>
<td>WATER</td>
<td>H2O</td>
<td>7732-18-5</td>
<td>5-10%</td>
</tr>
<tr>
<td>DEFOAMER</td>
<td>Not Available</td>
<td>Not Available</td>
<td>1-2%</td>
</tr>
<tr>
<td>PRESERVATIVES</td>
<td>Not Available</td>
<td>Not Available</td>
<td>1-2%</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye: If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the PIC or a doctor, or for at least 15 minutes.

Inhalation: If over exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.

Skin: Remove contaminated clothing and gently flush affected areas with water. Seek medical attention if irritation develops. Launder clothing before reuse.

Ingestion: DO NOT induce vomiting. Immediately wash out mouth with water, and then give water to drink. Seek medical attention.

Advice to Doctor: Treat symptomatically
5. FIRE FIGHTING MEASURES

Flammability Non flammable. May evolve toxic gases (carbon oxides, hydrocarbons, butadiene dimer and styrene monomers) when heated to decomposition.

Fire and Explosion Non flammable. If product is present in a fire, toxic gases (carbon oxides, hydrocarbons, butadiene and styrene monomers) may be evolved. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Extinguishing Non flammable.

Hazchem Code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt (bulk), collect and reuse where possible. Wear splash-proof goggles, PVC/rubber gloves, coveralls or protective clothing and boots. Where an inhalation risk exists, wear a Type A (Organic vapour) respirator. Prevent spill entering drains or waterways. Absorb with sand or similar and place in sealable containers for disposal.

7. STORAGE AND HANDLING

Storage Store in cool, dry, well ventilated area, removed from direct sunlight, oxidising agents (eg. hypochlorites), acids and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

Handling Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Stds No exposure standard(s) allocated.

Biological Limits No biological limit allocated.

Engineering Controls Use with adequate natural ventilation. Open windows and doors where possible. In poorly ventilated areas, mechanical extraction ventilation is recommended.

PPE Wear splash-proof goggles and rubber or PVC gloves. When using large quantities or where heavy contamination is likely, wear coveralls. Where an inhalation risk exists, wear a Type A (Organic vapour) Respirator. If spraying, wear a Type A-Class P1 (Organic gases/vapours and Particulate) Respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>VISCOUS BLUE, WHITE OR SANDSTONE COLOURED LIQUID</td>
<td>Solubility (water)</td>
<td>NOT AVAILABLE</td>
</tr>
<tr>
<td>Odour</td>
<td>ODOURLESS</td>
<td>Specific Gravity</td>
<td>0.98 to 1.040</td>
</tr>
<tr>
<td>pH</td>
<td>9.2</td>
<td>% Volatiles</td>
<td>5 % to 10 % (Water)</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>2.3 kPa @ 20°C</td>
<td>Flammability</td>
<td>NON FLAMMABLE</td>
</tr>
<tr>
<td>Vapour Density</td>
<td>NOT AVAILABLE</td>
<td>Flash Point</td>
<td>NOT RELEVANT</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>100°C</td>
<td>Upper Explosion Limit</td>
<td>NOT RELEVANT</td>
</tr>
<tr>
<td>Melting Point</td>
<td>NOT AVAILABLE</td>
<td>Lower Explosion Limit</td>
<td>NOT RELEVANT</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>NOT AVAILABLE</td>
<td>Autoignition Temperature</td>
<td>NOT AVAILABLE</td>
</tr>
</tbody>
</table>
**PRODUCT NAME** RESINFLOW P96

### 10. STABILITY AND REACTIVITY

**Chemical Stability**
Stable under recommended conditions of storage.

**Conditions to Avoid**
Avoid heat, sparks, open flames and other ignition sources.

**Material to Avoid**
Incompatible with oxidising agents (e.g. peroxides) and acids (e.g. hydrochloric acid).

**Decomposition**
May evolve toxic gases (carbon oxides, hydrocarbons, butadiene dimer and styrene monomers) when heated to decomposition.

**Hazardous Reactions**
Hazardous polymerization is not expected to occur.

### 11. TOXICOLOGICAL INFORMATION

**Health Hazard Summary**
Low toxicity. Avoid eye or skin contact and vapour inhalation. Due to the low vapour pressure of this product an inhalation hazard is not anticipated under normal conditions of use. This product contains trace levels of residual monomers which may only present a hazard in confined, poorly ventilated areas, with prolonged use or to those individuals with existing sensitivities.

**Eye**
Low to moderate irritant. Exposure may result in irritation, pain and redness.

**Inhalation**
Low irritant. Over exposure to mists or vapours (if sprayed) may result in mucous membrane irritation of the nose and throat with coughing. At high levels nausea, dizziness and headache. Low product vapour pressure (low volatility), considerably reduces the potential for an inhalation hazard.

**Skin**
Irritant. Prolonged and repeated contact may result in drying and defatting of the skin with rash and dermatitis.

**Ingestion**
Low toxicity. With large doses ingestion may result in nausea, vomiting and gastrointestinal irritation.

**Toxicity Data**
No LD50 data available for this product.

### 12. ECOLOGICAL INFORMATION

**Environment**
Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal**
For small amounts absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information if larger amounts are involved. Prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result.

**Legislation**
Dispose of in accordance with relevant local legislation.

### 14. TRANSPORT INFORMATION

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

**Shipping Name**  
None Allocated

**UN No.**  
None Allocated

**Pkg Group**  
None Allocated

**DG Class**  
None Allocated

**Hazchem Code**  
None Allocated

**Subsidiary Risk(s)**  
None Allocated

**EPG**  
None Allocated

### 15. REGULATORY INFORMATION

**Poison Schedule**
A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**AICS**
All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

### 16. OTHER INFORMATION

**Additional Information**
The additives in this product include 5 - 10% powders and 2 - 5% various minor ingredients.

**RESPIRATORS:** In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.
STYRENE-BUTADIENE COPOLYMERS: Over exposure to styrene monomer may result in styrene sickness. Styrene monomer is classified as possibly carcinogenic to humans (IARC Group 2B) and 1,3-Butadiene as probably carcinogenic to humans (IARC Group 2A). However when both chemicals are bound together in a polymeric form the copolymers are not classifiable as to their carcinogenicity in humans (IARC Group 3).

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

ABBREVIATIONS:
ADB - Air-Dry Basis.
BEI - Biological Exposure Indice(s)
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m3 - Milligrams per cubic metre.
NOS - Not Otherwise Specified.
ph - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.
TWA/ES - Time Weighted Average or Exposure Standard.

HEALTH EFFECTS FROM EXPOSURE:
It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:
The recommendation for protective equipment contained within this Chem Alert report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

COLOUR RATING SYSTEM: RMT has assigned all Chem Alert reports a colour rating of Green, Amber or Red for the sole purpose of providing users with a quick and easy means of determining the hazardous nature of a product. Safe handling recommendations are provided in all Chem Alert reports so as to clearly identify how users can control the hazards and thereby reduce the risk (or likelihood) of adverse effects. As a general guideline, a Green colour rating indicates a low hazard, an Amber colour rating indicates a moderate hazard and a Red colour rating indicates a high hazard.

While all due care has been taken by RMT in the preparation of the Colour Rating System, it is intended as a guide only and RMT does not provide any warranty in relation to the accuracy of the Colour Rating System. As far as is lawfully possible, RMT accepts no liability or responsibility whatsoever for the actions or omissions of any person in reliance on the Colour Rating System.

Report Status
This document has been compiled by RMT on behalf of the manufacturer of the product and serves as the manufacturer's Material Safety Data Sheet ('MSDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

While RMT has taken all due care to include accurate and up-to-date information in this MSDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this MSDS.

Prepared By
Risk Management Technologies
5 Ventnor Ave, West Perth
Western Australia 6005
Phone: +61 8 9322 1711
GREEN

PRODUCT NAME RESINFLOW P96

Fax: +61 8 9322 1794
Email: info@rmt.com.au
Web: www.rmt.com.au

MSDS Date: 07 January 2008
End of Report