Material Safety Data Sheet

Product Name: SEPTONE ACRYLIC LACQUER

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: SEPTONE ACRYLIC LACQUER
Product Code: AFABW
Company Name: ITW AAMTech (ABN 63 004 235 063)
Address: 1-9 NINA LINK DANDENONG SOUTH
VICTORIA 3175 AUSTRALIA
Emergency Tel: 1800 638 556
Telephone/Fax: 1800 177 989
Number: Fax: +61 2 9725 4698
Email: info@aamtech.com.au

Recommended Use: Quick drying automotive acrylic lacquer, in a range of colours.

2. HAZARDS IDENTIFICATION

Classification: Classified as hazardous according to criteria of NOHSC.

- Flammable Liquids: Category 2
- Eye Damage/Irritation: Category 2A
- Acute Toxicity Oral & Inhalation Cat 4
- Skin Sensitiser Cat 1

Risk Phrase(s):
- R11 Highly flammable.
- R20/22 Harmful by inhalation and if swallowed.
- R36 Irritating to eyes.
- R43 May cause sensitization by skin contact.

Safety Phrase(s):
- S16 Keep away from sources of ignition - No smoking.
- S23 Do not breathe gas/fumes/vapour/spray
- S24/25 Avoid contact with skin and eyes.
- S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
- S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
- S9 Keep container in a well ventilated place.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Characterization: Liquid

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethyl acetate</td>
<td>141-78-6</td>
<td>10-30 %</td>
</tr>
<tr>
<td>Toluene</td>
<td>108-88-3</td>
<td>10-30 %</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>10-30 %</td>
</tr>
<tr>
<td>Methoxy Propyl Acetate</td>
<td>108-65-6</td>
<td>&lt;5 %</td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>108-94-1</td>
<td>&lt;5 %</td>
</tr>
<tr>
<td>Methyl ethyl ketone</td>
<td>78-93-3</td>
<td>&lt;5 %</td>
</tr>
<tr>
<td>Ingredients determined</td>
<td>-</td>
<td>Balance</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES
# Material Safety Data Sheet

## Infosafe No™ 5APGE

**Issue Date:** August 2015  
**Status:** ISSUED

**Product Name:** SEPTONE ACRYLIC LACQUER

**Print Date:** 6/08/2015  
**CS:** 1.9.605

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media:** Foam, dry agent (carbon dioxide, dry chemical powder).

**Special Protective Equipment for fire fighters**

- **Suitable Extinguishing Media:** Foam, dry agent (carbon dioxide, dry chemical powder).
- **Special Protective Equipment:** Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.
- **Specific Methods:** Highly flammable liquid. Keep containers cool with water spray. On burning will emit toxic fumes.
- **Specific Hazards:** Highly flammable liquid. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing switches and electrical equipment etc) must be eliminated both in and near the work area. Rags, paper, sawdust and other combustible materials, contaminated with this product, may contain flammable vapours. Soak such materials in water immediately after use and dispose of them in a water-filled, sealed metal container. Do not smoke whilst using this product. Take precautions against static electricity discharges. Earth and bond all equipment. An explosive air-vapour mix may form - ensure adequate ventilation. Vapours are heavier than air. Keep away from strongly oxidising materials. Store containers in a cool, well ventilated place away from sources of heat and ignition.

### 6. ACCIDENTAL RELEASE MEASURES

**Spills & Disposal**

Personnel involved in cleaning up any spills are to wear full protective equipment. If there is a risk of fire, self contained breathing apparatus should also be worn. Remove all sources of heat or ignition. Do not smoke during the clean-up procedure. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth (but not sawdust), and then transfer to sealed metal containers for disposal. Prevent the spillage from entering the sewerage system or waterways. Dispose of large amounts in a suitable chemical dump (check the local statutory requirements).

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

- Keep containers closed when not in use. Prevent accumulation of static electricity and earth all equipment.
- Must be stored in accordance with AS1940. Store in dangerous goods approved metal containers in a cool (ideally below 27°C), well ventilated place away from sources of heat or ignition.
- Store away from foodstuffs.

**Conditions for Safe Storage**

- Use in a well ventilated area. Prohibit sources of sparks, ignition and naked flames. Wear appropriate protective equipment. It is essential that all who come in contact with this material, maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, smoking or going to the toiler. Build up of vapour or mist in the working atmosphere must be prevented. Ensure ventilation is adequate.
SEPTONE ACRYLIC LACQUER

Classified as hazardous according to criteria of NOHSC.

DO NOT enter confined spaces where vapour or mist may have collected.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>National Exposure Standards</th>
<th>Name</th>
<th>STEL</th>
<th>TWA</th>
<th>Footnote</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Toluene</td>
<td>574</td>
<td>150</td>
<td>191</td>
</tr>
<tr>
<td></td>
<td>Xylene</td>
<td>655</td>
<td>150</td>
<td>350</td>
</tr>
<tr>
<td></td>
<td>Methoxy Propyl</td>
<td>548</td>
<td>100</td>
<td>274</td>
</tr>
<tr>
<td></td>
<td>Acetate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cyclohexanone</td>
<td></td>
<td></td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Methyl ethyl ketone</td>
<td>890</td>
<td>300</td>
<td>445</td>
</tr>
</tbody>
</table>

**Engineering Controls**

Ensure that the ventilation is adequate to maintain air concentrations below the exposure standards. If necessary, provide local exhaust ventilation. Ventilation equipment must be explosion proof. Isolate the product from all sources of heat or ignition, including sparks and naked flames. Take precautionary measures against static discharge. The vapour is heavier than air and can accumulate in hollows and sumps. Do not enter confined spaces where the vapour may have accumulated. No smoking.

**Respiratory Protection**

Avoid breathing of vapours/mists. Wear a respirator suitable for organic vapours and complying with AS1715/AS1716 if vapour concentrations exceed the exposure standards.

**Eye Protection**

The wearing of safety glasses is recommended.

**Hand Protection**

If prolonged or repeated skin contact is likely, oil impervious gloves should be worn.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Form</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Viscous coloured paint, solvent odour.</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>&gt;35°C</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.00 - 1.30 @ 25°C (varies with colour)</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Volatile Component</td>
<td>60% w/w</td>
</tr>
<tr>
<td>Flash Point</td>
<td>--30°C (from the solvent with the lowest flash point)</td>
</tr>
<tr>
<td>Flammability</td>
<td>Highly flammable. Isolate from all sources of heat or ignition, including sparks and naked flames. Do not smoke whilst using this product. Take precautions against static electricity discharges. Earth and bond all equipment. An explosive air-vapour mix may form - ensure adequate ventilation. Vapours are heavier than air. Keep away from strongly oxidising materials. Store containers in a cool, well ventilated place away from sources of heat and ignition. 495°C</td>
</tr>
<tr>
<td>Auto-Ignition Temperature</td>
<td>1.1%v/v</td>
</tr>
<tr>
<td>Flammable Limits - Lower</td>
<td>7.7%v/v</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

**Chemical Stability**

Considered stable to heat and light.

**Conditions to Avoid**

Sources of heat or ignition, including sparks and naked flames. Static electricity discharges. An explosive air-vapour mix may form - ensure adequate ventilation. Vapours are heavier than air. Strong oxidising agents.
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Hazardous Decomposition Products:
A complex mixture of airborne particulates, liquids, gases including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.

11. TOXICOLOGICAL INFORMATION

Inhalation:
Harmful by inhalation. May cause irritation to the mucous membrane and upper airways, especially where vapours or mists are generated. Symptoms included sneezing, coughing, wheezing, shortness of breath, headache, drowsiness, dizziness, nausea and vomiting.

Ingestion:
Harmful if swallowed. May cause irritation to the gastrointestinal system. Symptoms may include nausea, vomiting, diarrhea, headache, abdominal pain, CNS depression, seizures, loss of coordination.

Skin:
Harmful in contact with skin. Absorption through the skin, with symptoms paralleling those following ingestion exposures. Will cause irritation to skin, which can result in redness and itching.

Eye:
May cause irritation to eye which can result in redness, swelling, itching, stinging and excessive tearing.

Chronic Effects:
Prolonged and repeated exposure through skin contact, inhalation of this material will result in harmful effects including central nervous system effects, possibly leading to unconsciousness or death. Repeated or prolonged exposure may also cause skin dryness and cracking, leading to skin irritation and possible dermatitis. Possible risk or irreversible effects. May cause harm to the unborn child. Possible risk of impaired fertility. Danger of cumulative effects.

12. ECOLOGICAL INFORMATION

Persistence / Degradability:
No data is available for this material however for the major components:
- Xylene: readily biodegradable (supplier SDS)

13. DISPOSAL CONSIDERATIONS

Disposal Considerations:
Refer to State Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Advise flammable nature. Do not empty into drains.

14. TRANSPORT INFORMATION

Transport Information:
This material is a Class 3 - Flammable Liquid according to The Australian Code for the Transport of Dangerous Goods by Road and Rail. Class 3 - Flammable Liquids are incompatible in a placard load with any of the following:
- Class 1, Explosives
- Class 2.1, Flammable Gases, if both the Class 3 and Class 2.1 dangerous goods are in bulk
- Class 2.3, Toxic Gases
- Class 4.2 Spontaneously Combustible Substances
- Class 5.1 Oxidising Agents and Class 5.2, Organic Peroxides
- Class 6 Toxic Substances (where the flammable liquid is nitromethane)
- Class 7 Radioactive Substances.

U.N. Number: 1263
Proper Shipping Name: PAINT
DG Class: 3
Hazchem Code: 3[Y]E
Packaging Method: 3.8.3RT1
Material Safety Data Sheet

Product Name: SEPTONE ACRYLIC LACQUER

Classified as hazardous according to criteria of NOHSC.

Packing Group: II
EPG Number: 3C1
IERG Number: 14
IMDG UN No: 1263
IMDG Description: PAINT
IMDG Hazard Class: 3
IMDG Pack. Group: II
IMDG EMS: F-E, S-E
IMDG Marine Pollutant (MP): NO

15. REGULATORY INFORMATION

Regulatory Information: Classified as hazardous according to criteria of NOHSC.
HAZARDOUS SUBSTANCE.
SCHEDULED POISON.

Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Poisons Schedule: S5
Hazard Category: Harmful, Irritant, Highly Flammable

AICS (Australia): All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

Other Information: Labelling requirements of the Standard for Uniform Scheduling of Medicines and Poison do not apply to a poison that is packed and sold solely for industrial, laboratory or manufacturing purposes and is labelled in accordance with Safe Work Australia's Labelling of Workplace Hazardous Chemicals Code of Practice.

16. OTHER INFORMATION

Date of preparation or last revision of MSDS: Replaces SDS dated July 2010

Contact Person/Point: Australia:
24 HOUR EMERGENCY CONTACT (Chemical Safety International): 1 800 638 556
Poisons Information Centre (Australia): 13 11 26
New Zealand:
24 HOUR EMERGENCY CONTACT (Chemical Safety International): 0800 154 666
NZ National Poisons Centre (24 Hour): 0800 764 766

DISCLAIMER:
This Material Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product.
As ITW AAMTech cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.
Data sheets from unauthorised sources may contain information that is no longer current or accurate.

This MSDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact ITW AAMTech to ensure they are in possession of the latest version.

Literature References:

TLV's Threshold Limit Values and Biological Exposure Indices for 1988/89. American Conference of Governmental Industrial Hygienists, Cincinnati, Ohio.
SEPTONE ACRYLIC LACQUER

Classified as hazardous according to criteria of NOHSC.

MERCK INDEX - Merck & Company, Rahlway, N.J. 1989

...End Of MSDS...