MATERIAL SAFETY DATA SHEET
HIGH TEMPERATURE ALUMINIUM PAINT

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME
HIGH TEMPERATURE ALUMINIUM PAINT

PRODUCT NO.
PAM
EPAM400
ZE

APPLICATION
Manufacture of electrical equipment

SUPPLIER
H K WENTWORTH PTY LIMITED
P.O. BOX 339
BROOKVALE, NSW 2100
AUSTRALIA
TEL: 02 9938 1566
FAX: 02 9938 1467
GENERAL MANAGER

EMERGENCY TELEPHONE
Tel: 029938 1566 between 8.30am and 5.00pm EST

PROPER SHIPPING NAME
AEROSOLS

2 HAZARDS IDENTIFICATION

RISK PHRASES
R12 Extremely flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES
S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe vapour/spray.
S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.
A1 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2 Do not spray on a naked flame or any incandescent material.

The above phrases are the risks associated with the product

ENVIRONMENT
Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Use appropriate containment to avoid environmental contamination. Avoid release to the environment. Refer to special instructions/safety data sheets.
Dispose of waste and residues in accordance with local authority requirements.

PHYSICAL AND CHEMICAL HAZARDS
Aerosol containers can explode when heated, due to excessive pressure build-up. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

STATEMENT OF HAZARDOUS NATURE
HAZARDOUS SUBSTANCE (According to criteria of NOHSC). DANGEROUS GOODS (According to ADG Code).

DG CLASS
Class 2: Gases

PACKING GROUP
N/A

UN NO.
1950

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content %</th>
<th>Classification (67/548)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 / 5
The Full Text for all R-Phrases is Displayed in Section 16

COMPOSITION COMMENTS
Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels. Ingredients are registered on AICS.

4 FIRST-AID MEASURES

NOTES TO THE PHYSICIAN
Treat symptomatically

INHALATION
Move the exposed person to fresh air at once. Get medical attention.

INGESTION
Not relevant.

SKIN CONTACT
Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT
Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES
Move container from fire area if it can be done without risk.

UNUSUAL FIRE & EXPLOSION HAZARDS
Aerosol cans may explode in a fire.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS
Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Ventilate well. Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS
Store at moderate temperatures in dry, well ventilated area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION
PROTECTIVE EQUIPMENT

ENGINEERING MEASURES
Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT
Suitable respiratory protection must be used at high concentrations.

HAND PROTECTION
Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION
Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION
Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES
Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. DO NOT SMOKE IN WORK AREA!

9 PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>APPEARANCE</th>
<th>Aerosol Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>ODOUR</td>
<td>Acetone, ketone.</td>
</tr>
<tr>
<td>VOLATILITY DESCRIPTION</td>
<td>Volatile.</td>
</tr>
<tr>
<td>SOLUBILITY</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>RELATIVE DENSITY</td>
<td>0.695 @ 20 °C (68 F)</td>
</tr>
<tr>
<td>VAPOUR PRESSURE</td>
<td>3.546 kPa</td>
</tr>
<tr>
<td>FLASH POINT (°C)</td>
<td>&lt;0 (32 F) CC (Closed cup).</td>
</tr>
<tr>
<td>AUTO IGNITION TEMPERATURE (°C)</td>
<td>&gt; 250 (&gt;482 F)</td>
</tr>
<tr>
<td>FLAMMABILITY LIMIT - LOWER(%)</td>
<td>1.4</td>
</tr>
<tr>
<td>FLAMMABILITY LIMIT - UPPER(%)</td>
<td>18</td>
</tr>
</tbody>
</table>

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.

CONDITIONS TO AVOID
Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalis.

11 TOXICOLOGICAL INFORMATION

INHALATION
May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

SKIN CONTACT
Product has a defatting effect on skin. Prolonged contact may cause dryness of the skin. Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT
Irritating to eyes.

OTHER HEALTH EFFECTS
This substance has no evidence of carcinogenic properties.

ROUTE OF ENTRY
Inhalation:

Name: XYLENE
HIGH TEMPERATURE ALUMINIUM PAINT

<table>
<thead>
<tr>
<th>Name</th>
<th>Toxic Dose 1 - LD 50</th>
<th>Toxic Dose 2 - LD 50</th>
<th>Toxic Conc. - LC 50</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4300 mg/kg (oral rat)</td>
<td>2000 mg/kg (oral-rbt)</td>
<td>22.1 mg/l/4h (inh-rat)</td>
</tr>
</tbody>
</table>

ACETONE

<table>
<thead>
<tr>
<th>Name</th>
<th>Toxic Dose 1 - LD 50</th>
<th>Toxic Dose 2 - LD 50</th>
<th>Toxic Conc. - LC 50</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5800 mg/kg (oral rat)</td>
<td>20,000 mg/kg (oral-rbt)</td>
<td>22.1 mg/l/4h (inh-rat)</td>
</tr>
</tbody>
</table>

12 ECOLOGICAL INFORMATION

ECOTOXICITY
Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

<table>
<thead>
<tr>
<th>Name</th>
<th>LC 50, 96 Hrs, Fish mg/l</th>
<th>EC 50, 48 Hrs, Daphnia, mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>XYLENE</td>
<td>2.6-8.4</td>
<td>1.0-4.7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Name</th>
<th>LC 50, 96 Hrs, Fish mg/l</th>
<th>EC 50, 48 Hrs, Daphnia, mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACETONE</td>
<td>5540</td>
<td>39</td>
</tr>
</tbody>
</table>

Degradability
The product is easily biodegradable.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME: AEROSOLS
ADG CLASS: Class 2.1: Flammable gases
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT
UN NO.: 1950
ADG CLASS NO.: 2
DG CLASS: Class 2: Gases
PACKING GROUP: N/A
TUNNEL RESTRICTION CODE: (D)
ADG LABEL NO.: 2.1
UN NO. SEA: 1950
IMDG CLASS: 2.1
IMDG PACK GR.: N/A
EMS: F-D, S-U
UN NO. AIR: 1950
AIR CLASS: 2.1
AIR PACK GR.: N/A

15 REGULATORY INFORMATION

LABELLING
HIGH TEMPERATURE ALUMINIUM PAINT

**RISK PHRASES**

- **R12** Extremely flammable.
- **R36** Irritating to eyes.
- **R66** Repeated exposure may cause skin dryness or cracking.
- **R67** Vapours may cause drowsiness and dizziness.

**SAFETY PHRASES**

- **S16** Keep away from sources of ignition - No smoking.
- **S23** Do not breathe vapour/spray.
- **S25** Avoid contact with eyes.
- **S26** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- **S37** Wear suitable gloves.
- **A1** Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
- **A2** Do not spray on a naked flame or any incandescent material.

**POISONS SCHEDULE NUMBER**

None

**NATIONAL REGULATIONS AND REFERENCES**

- National Model Regulations for the Control of Workplace Hazardous Substances.
- National Code of Practice for the Control of Workplace Hazardous Substances.
- National Code of Practice for the Labelling of Workplace Substances.
- National Code of Practice for the Preparation of Material Safety Data Sheets.
- Approved Criteria for Classifying Hazardous Substances.
- Exposure Standards for Atmospheric Contaminants in the Occupational Environment.

**16 OTHER INFORMATION**

**GENERAL INFORMATION**

Edit this text

**ISSUED BY**

Helen O'Reilly

**REVISION DATE**

NOVEMBER 2010

**REV. NO./REPL. SDS GENERATED**

4

**SDS NO.**

10826

**RISK PHRASES IN FULL**

- **R12** Extremely flammable.
- **R10** Flammable.
- **R20/21** Harmful by inhalation and in contact with skin.
- **R20** Harmful by inhalation.
- **R65** Harmful: may cause lung damage if swallowed.
- **R11** Highly flammable.
- **R36** Irritating to eyes.
- **R38** Irritating to skin.
- **R66** Repeated exposure may cause skin dryness or cracking.
- **R51/53** Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **R67** Vapours may cause drowsiness and dizziness.

**DISCLAIMER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.