SAFETY DATA SHEET
POLYURETHANE COATING

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: POLYURETHANE COATING
PART No.: EMR8008
SUPPLIER: H K WENTWORTH PTY LIMITED
P.O. BOX 339
BROOKVALE, NSW 2100
AUSTRALIA
Tel: 02 9938 1566
Fax: 02 9938 1566

2. COMPOSITION/INFORMATION ON INGREDIENTS:

<table>
<thead>
<tr>
<th>NAME</th>
<th>CAS No.:</th>
<th>EINECS Nr.:</th>
<th>CLASSIFICATION</th>
<th>CONTENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETHYL METHYL KETOXIME</td>
<td>96-29-7</td>
<td>202-496-6</td>
<td>Xn, R-21, 40, 41, 43 Carc3</td>
<td>1-5 %</td>
</tr>
<tr>
<td>HYDROCARBON DISTILLATE</td>
<td>64742-82-1</td>
<td>265-185-4</td>
<td>Xn, N, R-10, 51/53, 65</td>
<td>30-60 %</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases are Displayed in Section 16

3. HAZARDS IDENTIFICATION:

Flammable. Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Carcinogen Category 3.

HAZARDOUS SUBSTANCE: DANGEROUS GOODS

4. FIRST AID MEASURES:

INHALATION: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: DO NOT INDUCE VOMITING! If vomiting occurs, keep head low so that stomach content doesn’t get into the lungs. Provide fresh air, warmth and rest, preferably in comfortable upright sitting position. Rinse mouth thoroughly. Get medical attention.

SKIN: Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if irritation persists after washing.

EYES: 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: Alcohol resistant foam. Powder. Dry chemicals, sand, dolomite etc.
6. **ACCIDENTAL RELEASE MEASURES:**

**SPILL CLEANUP METHODS:** Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers.

---

7. **HANDLING AND STORAGE:**

**USAGE PRECAUTIONS:** Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

**STORAGE PRECAUTIONS:** Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

**STORAGE CRITERIA:** Flammable liquid storage.

---

8. **EXPOSURE CONTROLS AND PERSONAL PROTECTION:**

**INGREDIENT COMMENTS:**

OES = Occupational Exposure Standard.

**PROTECTIVE EQUIPMENT:**

![Protective Equipment Icon]

**VENTILATION:** Provide sufficient ventilation during operations which cause vapour formation.

**RESPIRATORS:** No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

**PROTECTIVE GLOVES:** Use protective gloves.

**EYE PROTECTION:** Wear approved safety goggles.

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

**HYGIENIC WORK PRACTICES:** DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. No eating or drinking while working with this material.

---

9. **PHYSICAL AND CHEMICAL PROPERTIES:**

**APPEARANCE:** Liquid.

**COLOUR:** Brown.

**ODOUR/TASTE:** Characteristic.

**BOILING POINT (°C, interval):** 152 - 198

**DENSITY/SPECIFIC GRAVITY (g/ml):** 0.920

**VAPOUR PRESSURE:** 0.32 kPa

**VISCOSITY (interval):** 1500 - 2300 KU

**Pressure:**

<table>
<thead>
<tr>
<th>Temperature (°C)</th>
<th>20</th>
</tr>
</thead>
</table>

**Temperature (°C):**

<table>
<thead>
<tr>
<th>Temperature (°C)</th>
<th>20</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Temperature (°C)</th>
<th>25</th>
</tr>
</thead>
</table>
SOLUBILITY DESCRIPTION: Immiscible with water.

FLASH POINT (°C): 38  
AUTO IGNITION TEMP. (°C): 230  
FLASH POINT (°C): AUTO IGNITION TEMP. (°C):
FLAMMABILITY LIMIT - LOWER(%): 0.9  
FLAMMABILITY LIMIT - UPPER(%): 8

10. STABILITY AND REACTIVITY:

STABILITY: Normally stable.
CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition.

11. TOXICOLOGICAL INFORMATION:

INHALATION: Solvent vapours are hazardous and may cause nausea, sickness and headaches. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

INGESTION: May cause stomach pain or vomiting.

SKIN: May cause sensitisation by skin contact. Prolonged or repeated exposure may cause severe irritation.

EYES: Irritating to eyes.

HEALTH WARNINGS: Known or suspected carcinogen for humans.
OTHER HEALTH EFFECTS: Suspect Cancer Hazard.

12. ECOLOGICAL INFORMATION:

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

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE:

UN No. ROAD: 1993
UK ROAD TRANSPORT CLASS: 3
UK ROAD PACK GR.: III
15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:

![](image)

RISK PHRASES:
- R-10 Flammable.
- R-40 Limited evidence of a carcinogenic effect.
- R-43 May cause sensitisation by skin contact.
- R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES:
- S-36/37 Wear suitable protective clothing and gloves.
- S-51 Use only in well ventilated areas.

UK REGULATORY REFERENCES:

ENVIRONMENTAL LISTING:

EU DIRECTIVES:

STATUTORY INSTRUMENTS:
- Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE:
- Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations L62.

GUIDANCE NOTES:
- Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).
16. OTHER INFORMATION:

USER NOTES: CN No 34039990

REVISION COMMENTS: Revised in accordance with CHIP3 and EU Directive 1999/45/EC

ISSUED BY: Helen O'Reilly

REVISION DATE: MAY 2003

REV. No./REPL. SDS GENERATED: 0

SDS No.: 10944

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 unless specified in the text. The information contained in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for the safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

R-PHRASES (Full Text): R-10 Flammable. R-51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R-65 Harmful: may cause lung damage if swallowed. R-21 Harmful in contact with skin. R-40 Limited evidence of a carcinogenic effect. R-41 Risk of serious damage to eyes. R-43 May cause sensitisation by skin contact.