SAFETY DATA SHEET
POLYURETHANE COATING

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

PRODUCT NAME
POLYURETHANE COATING

PRODUCT NO.
EMR8008

APPLICATION
Resin

SUPPLIER
ELECTROLUBE. A division of
HK WENTWORTH LTD
KINGSBURY PARK, MIDLAND
ROAD
SWADLINCOTE
DERBYSHIRE, DE11 0AN
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info@hkw.co.uk

EMERGENCY TELEPHONE
+44(0)1283 222 111 between 8.30 am - 5.00pm Mon - Fri

2 HAZARDS IDENTIFICATION

Flammable.
Repeated exposure may cause skin dryness or cracking.
May cause sensitisation by skin contact.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION
R43. N;R51/53. R10, R66.

3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>HYDROCARBON DISTILLATE</td>
<td>265-185-4</td>
<td>64742-82-1</td>
<td>30-60%</td>
<td>Xn;R65, N;R51/53, R10,R66.</td>
</tr>
<tr>
<td>WHITE SPIRIT</td>
<td>265-151-9</td>
<td>64742-48-6</td>
<td>10-30%</td>
<td>Xn;R65, Xi;R38, N;R51/53.</td>
</tr>
<tr>
<td>XYLENE</td>
<td>215-535-7</td>
<td>1330-20-7</td>
<td>1-5%</td>
<td>R10 Xn;R20/21 Xi;R38</td>
</tr>
<tr>
<td>A MIXTURE OF: BUTAN-2-ONE OXIME SYN-O,O'-DI(BUTAN-2-ONE OXIME)DIETHOXYD SILANE</td>
<td>202-496-6</td>
<td>96-29-7</td>
<td>1-5%</td>
<td>T;R48/22 R43 R52/53</td>
</tr>
<tr>
<td>DEAROMATISED KEROSEINE</td>
<td>265-150-3</td>
<td>64742-48-9</td>
<td>1-5%</td>
<td>Xn;R65.</td>
</tr>
</tbody>
</table>

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

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

4 FIRST-AID MEASURES

NOTES TO THE PHYSICIAN
Treat symptomatically

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.
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SKIN CONTACT
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.

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: Alcohol resistant foam. Powder. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES
Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP 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
Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS
Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>TWA - 8 hrs</th>
<th>STEL - 15 min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>DEAROMATISED KEROSINE</td>
<td>WEL</td>
<td>1000 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HYDROCARBON DISTILLATE</td>
<td>WEL</td>
<td>600 mg/m³</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS
WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES
Provide sufficient ventilation during operations which cause vapour formation.

RESPIRATORY EQUIPMENT
No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. Use respiratory equipment with combination filter, type A2/P2.

HAND PROTECTION
Protective gloves must be used if there is a risk of direct contact or splash. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Nitrile gloves are recommended.

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

HYGIENE MEASURES
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. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

| APPEARANCE | Liquid |
| COLOUR      | Clear Amber |
| ODOUR       | Characteristic |
| SOLUBILITY  | Immiscible with water |
| BOILING POINT (°C) | 152 - 198 |
| VAPOUR PRESSURE | 0.32 kPa @ 20 °C |
| FLASH POINT (°C) | 38 CC (Closed cup) |
| FLAMMABILITY LIMIT - LOWER(%) | 0.9 |

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions.

CONDITIONS TO AVOID
Avoid heat, flames and other sources of ignition.

11 TOXICOLOGICAL INFORMATION

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

INGESTION
May cause stomach pain or vomiting.

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

EYE CONTACT
Irritating to eyes.

Other Health Effects
This substance has no evidence of carcinogenic properties.

<table>
<thead>
<tr>
<th>Name</th>
<th>Toxic Dose 1 - LD 50</th>
</tr>
</thead>
<tbody>
<tr>
<td>XYLENE</td>
<td>4300 mg/kg (oral rat)</td>
</tr>
<tr>
<td>WHITE SPIRIT</td>
<td>&gt;5000 mg/kg (oral 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>
</tr>
</thead>
<tbody>
<tr>
<td>XYLENE</td>
<td>2.6-8.4</td>
</tr>
<tr>
<td>WHITE SPIRIT</td>
<td>1.0-4.7</td>
</tr>
</tbody>
</table>

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION
POLYURETHANE COATING

UK ROAD CLASS 3

PROPER SHIPPING NAME PAINT

UN NO. ROAD 1263

ADR CLASS NO. 3

ADR PACK GROUP III

ADR LABEL NO. 3

CEFIC TEC(R) NO. 30GF1-III, 30GF1-sp

RID PACK GROUP III

IMDG CLASS III

EMS F-E, S-E

MARINE POLLUTANT No. 1263

AIR CLASS 3

UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.
The Control of Substances Hazardous to Health Regulations 1988.

ENVIRONMENTAL LISTING


EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC.
Dangerous Substance Directive 67/548/EEC.
Dangerous Preparations Directive 1999/45/EC.
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GUIDANCE NOTES

Workplace Exposure Limits EH40.

RISK PHRASES IN FULL

R10 Flammable.
R20/21 Harmful by inhalation and in contact with skin.
R38 Irritating to skin.
R43 May cause sensitisation by skin contact.
R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.

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.