1. PRODUCT NAME

TRIMOL RESINS 15,34,35,36,40,41

2. HAZARD IDENTIFICATION

Irritant
Irritating to skin and eyes

3. COMPOSITION

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENT</th>
<th>CAS Nos.</th>
<th>Weight %</th>
<th>Symbols</th>
<th>Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bisphenol A and F epoxy Resins, diglycidyl ethers</td>
<td>25068-38-6, 68609-97-2</td>
<td>100</td>
<td>Xi (Irritant)</td>
<td>R36/38,43,51/53</td>
</tr>
<tr>
<td></td>
<td>28064-14-4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. FIRST AID

CONTACT WITH SKIN: Wash with plenty of soap and water.
CONTACT WITH EYES: Wash out with water for several minutes and seek medical advice.
INGESTION: Seek medical advice in the event of discomfort.
INHALATION: Remove to fresh air if fumes cause irritation of nose or throat.
OTHER INFORMATION: May aggravate existing respiratory problems.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Dry powder or foam. For small fires use CO₂, never use water jet.
SPECIAL PROTECTIVE EQUIPMENT: For fires in confined spaces, use breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear suitable protective clothing appropriate to the amount involved, which may include eye/face protection, PVC or synthetic rubber gloves, protective footwear and overalls.
ENVIRONMENTAL PRECAUTIONS: Do not allow to enter public sewers and watercourses
If this cannot be avoided, inform the appropriate authority.
CLEAN-UP PROCEDURES: Absorb in dry sand or earth or similar absorbents and shovel into a suitable closed container for disposal according to item 8.

According to 93/112EC
7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: Observe good hygiene standards and minimise skin contact. Wear suitable protective clothing according to item 8.

STORAGE INFORMATION: Keep containers tightly closed in a cool place, out of direct sunlight. Keep stored well ventilated.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Where prolonged or repeated exposure is likely, protective clothing should be worn, including eye protection, boots and PVC or synthetic rubber gloves. Wash hands and exposed skin before meals and after work. Do not eat, drink or smoke whilst handling the product. Do not wear contaminated clothing. Ventilate confined spaces thoroughly.

EXPOSURE LIMITS None prescribed in EH40 Slight irritant, not considered hazardous.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, golden liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>Faint</td>
</tr>
<tr>
<td>pH</td>
<td>7 (50% suspension in water)</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Decomposes</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;150°C</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data</td>
</tr>
<tr>
<td>Oxidising Properties</td>
<td>None</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>1Pa (20°C)</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.2-1.13 (15°C)</td>
</tr>
<tr>
<td>Bulk density</td>
<td>Not Relevant</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>No data</td>
</tr>
<tr>
<td>Other data</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY / REACTIVITY

STABILITY: Stable under normal conditions of use.

CONDITIONS TO AVOID: High temperatures (degrades resin).

MATERIALS TO AVOID: Strong oxidising agents, acids and bases. Excess of hardener (uncontrolled polymerisation reaction).

11. TOXICOLOGICAL INFORMATION

Not available data on acute toxicity. Irritating to eyes. A mild skin irritant and mild sensitising agent.
12. ECOLOGICAL INFORMATION

MOBILITY: Low soil absorption.

DEGRADABILITY: Not easily biodegradable.

ACCUMULATION: There is potential for bioaccumulation. Biomagnification is unlikely.

ECTOTOXICITY: Toxic to aquatic organisms: (TLm96: fish 1.2mg/litre, Daphnia 2.7mg/litre, algae 9.4mg/litre)

13. DISPOSAL INFORMATION

DISPOSAL OF PRODUCT: Chemical residues are normally regarded as special waste. Dispose of in accordance with local and national regulations (incinerate or landfill).

DISPOSAL OF PACKAGING: Uncleaned packaging should be treated as for the product.

14. TRANSPORT INFORMATION

UN No. None assigned
PROPER SHIPPING NAME Liquid epoxy resin
ADR/RID Not classified as hazardous
IMCO Not classified as hazardous

IATO/IACO MFAG Table No.
PACKING GROUP EmS No.
LABEL No hazard label

15. REGULATORY INFORMATION

CLASSIFICATION: Irritant

LABEL INFORMATION
S24: Irritating to eyes and skin
S26: May cause sensitisation by skin contact.
S28: After contact with skin, wash immediately with plenty of water.
S37/39: Wear suitable gloves and eye/face protection.

Refer to other relevant legislation such as Health and Safety at Work etc., Act (HSWA), the Control of Substances Hazardous to Health Regulations (COSHH), the Environment Protection Act and the Control of Pollution Act.

The information contained in this safety data sheet does not constitute the user’s own assessment of workplace risk as required by health and safety legislation.

16. OTHER INFORMATION

The information contained in this data is to the best of our knowledge accurate at the date of publication, but we cannot accept responsibility that it is sufficient or correct in all cases.

The data contained herein does not constitute a specification. Such information is available from the technical data sheet for the product.

1. PRODUCT NAME: TRIMOL 40 HARDENER

2. HAZARD IDENTIFICATION

HARMFUL

Harmful
Harmful if swallowed
Irritating to skin and eyes

3. COMPOSITION

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENT</th>
<th>CAS No. polymer</th>
<th>EC No.</th>
<th>Weight % 20</th>
<th>Symbols Xi (irritant)</th>
<th>Risk Phrases R22, 36/38</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amine-epoxy resin adduct</td>
<td>-</td>
<td>polymer</td>
<td>20</td>
<td>Xi (irritant)</td>
<td>R22, 36/38</td>
</tr>
</tbody>
</table>

4. FIRST AID

CONTACT WITH SKIN: Wash with plenty of soap and water. Seek medical advice if irritation develops.

CONTACT WITH EYES: Wash out with water for several minutes and seek medical advice.

INGESTION: Give plenty of water to drink. Do not induce vomiting, Seek medical advice.

INHALATION: Remove to fresh air. Keep warm and at rest. Seek medical advice after significant exposure.

OTHER INFORMATION: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Dry powder or foam. For small fires use CO₂.

SPECIAL PROTECTIVE EQUIPMENT: For fires in confined spaces, use breathing apparatus. Toxic and irritant fumes of oxides of nitrogen may be produced.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear suitable protective clothing appropriate to the amount involved, may include eye/face protection, PVC or synthetic rubber gloves, protective footwear, overalls.

ENVIRONMENTAL PRECAUTIONS: Do not allow to enter public sewers and watercourses. If this cannot be avoided, inform the appropriate authority.

CLEAN-UP PROCEDURES: Absorb in dry sand or earth or similar absorbent and shovel into a suitable closed container for disposal according to item 13.

According to 93/112EC
7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: Observe good hygiene standards and minimise skin contact. Wear suitable protective clothing according to item 8.

STORAGE INFORMATION: Keep containers tightly closed in a cool place, out of direct sunlight. Keep store well ventilated. Exclude atmospheric moisture from the product.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Where prolonged or repeated exposure is likely, protective clothing should be worn, including eye protection and PVC or synthetic rubber gloves. Wash hands and exposed skin before meals and after work. Do not eat, drink or smoke whilst handling the product. Do not wear contaminated clothing. Ventilate confined spaces thoroughly.

EXPOSURE LIMITS None prescribed in EH40
Slight irritant, not considered hazardous.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Viscous liquid</td>
</tr>
<tr>
<td>Odour</td>
<td>Slight, ammonia-like</td>
</tr>
<tr>
<td>pH</td>
<td>9 (50% suspension in water)</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>100°C</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Solid below 0°C</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No data</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data</td>
</tr>
<tr>
<td>Oxidising Properties</td>
<td>None</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>2000Pa (20°C)</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.04 (15°C)</td>
</tr>
<tr>
<td>Bulk density</td>
<td>Not relevant</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Thixotropic</td>
</tr>
<tr>
<td>Solubility</td>
<td>Partially soluble in water</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>No data</td>
</tr>
<tr>
<td>Other data</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY / REACTIVITY

STABILITY: Stable under normal conditions of use.

CONDITIONS TO AVOID: Protect from frost.

MATERIALS TO AVOID: Strong oxidising agents, acids.

11. TOXICOLOGICAL INFORMATION

No available data on acute toxicity. Expected value from structurally related products: LD₅₀ (acute, oral) 1000-4000 mg/kg. Irritating to eyes.

12. ECOLOGICAL INFORMATION

MOBILITY: Mobile – avoid subsoil penetration.

DEGRADABILITY: Not easily biodegradable

ACCUMULATION: No evidence for bioaccumulation. Biomagnification is unlikely.

ECOTOXICITY: No data.

According to 93/112EC
13. DISPOSAL CONSIDERATIONS

DISPOSAL OF PRODUCT: Chemical residues are normally regarded as Special Waste. Dispose of in accordance with local and national regulations. Can be burned in domestic refuse incinerators in accordance with local regulations.

DISPOSAL OF PACKAGING: Uncleaned packaging should be treated as for the product.

14. TRANSPORT INFORMATION

UN No None assigned
PROPER SHIPPING NAME Not classified as hazardous
ADR/RID Not classified as hazardous
IMCO MFAG Table No.

IATA/IACO EmS No.
PACKING GROUP Not classified as hazardous
LABEL No hazard label

15. REGULATORY INFORMATION

CLASSIFICATION Harmful

LABEL INFORMATION R22: Harmful if swallowed.
R36/38: Irritating to eyes and skin
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39: Wear suitable gloves and eye/face protection.

Refer to other relevant legislation such as the Health and Safety at Work etc Act (HSWA), the Control of Substances Hazardous to Health Regulations (COSHH), the Environment Protection Act and the Control of Pollution Act.

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