SAFETY DATA SHEET
POLYESTER RESIN

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

PRODUCT NAME POLYESTER RESIN
PRODUCT NO. POR001, POR002, POR005
INTERNAL ID C
APPLICATION Polyester resin
SUPPLIER TETROSYL LIMITED
BEVIS GREEN WORKS
WALMERSLEY
BURY
BL9 6RE
0161 764 5981
0161 797 5899
info@tetrosyl.com

2 HAZARDS IDENTIFICATION

Flammable. Harmful by inhalation. Irritating to eyes and skin.

CLASSIFICATION Xn;R20. Xi;R36/38. R10.

HUMAN HEALTH
See section 11 for additional information on health hazards.

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>STYRENE</td>
<td>202-851-5</td>
<td>100-42-5</td>
<td>30-60%</td>
<td>R10 Xn;R20 Xi;R36/38</td>
</tr>
</tbody>
</table>

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

4 FIRST-AID MEASURES

GENERAL INFORMATION
Remove affected person from source of contamination. Get medical attention immediately!

INHALATION
Move injured person into fresh air immediately. Call an ambulance. Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure. Bring these instructions. Place unconscious person on the side in the recovery position and ensure breathing can take place.

INGESTION
Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and take these instructions.

SKIN CONTACT
Remove contaminated clothing immediately and wash skin with soap and water. Consult a physician for specific advice. Burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

EYE CONTACT
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Immediately transport to hospital or eye specialist.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Use fire-extinguishing media appropriate for surrounding materials.
POLYESTER RESIN

SPECIAL FIRE FIGHTING PROCEDURES
Beware, risk of formation of toxic and corrosive gases.

SPECIFIC HAZARDS
In case of fire, toxic and corrosive gases may be formed.

PROTECTIVE MEASURES IN FIRE
Leave danger zone immediately.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear protective clothing as described in Section 8 of this safety data sheet. In case of spills, beware of slippery floors and surfaces.

ENVIRONMENTAL PRECAUTIONS
The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

SPILL CLEAN UP METHODS
For waste disposal, see section 13. When dealing with a spillage, please consult the section relating to suitable protective measures. Absorb spillage with non-combustible, absorbent material. Ventilate well. Prevent discharge of larger quantity to drain.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Read and follow manufacturer's recommendations. Always remove grease with soap and water or skin cleaning agent, never use organic solvents. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product.

STORAGE PRECAUTIONS
Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place.

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>STYRENE</td>
<td>WEL</td>
<td>100 ppm</td>
<td>430 mg/m3</td>
<td>250 ppm</td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT

PROCESS CONDITIONS
Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

ENGINEERING MEASURES
Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

RESPIRATORY EQUIPMENT
Wear suitable respiratory protection. Check that mask fits tight and change filter regularly.

HAND PROTECTION
The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Protection against this substance requires special consideration.

EYE PROTECTION
Wear tight-fitting goggles or face shield.

OTHER PROTECTION
Provide eyewash station. AVOID ALL SKIN AND RESPIRATORY CONTACT!

HYGIENE MEASURES
Wash contaminated clothing before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet.

SKIN PROTECTION
Protection suit must be worn.
POLYESTER RESIN

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Viscous liquid
COLOUR Amber Green
ODOUR Strong, Aromatic.
BOILING POINT (°C) 145
FLASH POINT (°C) 32 TCC (Tag closed cup).

10 STABILITY AND REACTIVITY

STABILITY
No particular stability concerns.

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS
This chemical can be hazardous when inhaled and/or touched. This chemical may cause skin/eye irritation and burns (corrosive). May cause severe internal injury. Vapour from this chemical can be hazardous when inhaled.

ROUTE OF ENTRY
Inhalation. Ingestion. Skin and/or eye contact. Skin absorption.

12 ECOLOGICAL INFORMATION

LC 50, 96 Hrs, FISH mg/l 10-100

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION
When handling waste, consideration should be made to the safety precautions applying to handling of the product. Only experts should be permitted to carry out disposal of this material.

DISPOSAL METHODS
Dispose of waste and residues in accordance with local authority requirements. Absorb spillage with non-combustible, absorbent material.

14 TRANSPORT INFORMATION

GENERAL
Full protective clothing should be worn when handling this product.

UK ROAD CLASS 3
PROPER SHIPPING NAME RESIN SOLUTION
UN NO. ROAD 1866
ADR CLASS NO. 3
ADR PACK GROUP III
ADR LABEL NO. 3
CEFC TEC(R) NO. 30GF1-I+II, 30GF1-sp
RID PACK GROUP III
IMDG CLASS 3
EMS F-E, S-E
MARINE POLLUTANT No.
AIR CLASS 3

15 REGULATORY INFORMATION

LABELLING
# POLYESTER RESIN

<table>
<thead>
<tr>
<th>RISK PHRASES</th>
<th></th>
<th>SAFETY PHRASES</th>
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</thead>
<tbody>
<tr>
<td>R10 Flammable.</td>
<td></td>
<td>S2 Keep out of the reach of children</td>
<td></td>
</tr>
<tr>
<td>R20 Harmful by inhalation.</td>
<td></td>
<td>S13 Keep away from food, drink and animal feeding stuffs.</td>
<td></td>
</tr>
<tr>
<td>R36/38 Irritating to eyes and skin.</td>
<td></td>
<td>S24/25 Avoid contact with skin and eyes.</td>
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<tr>
<td></td>
<td></td>
<td>S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</td>
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<td>S37 Wear suitable gloves.</td>
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<td>S46 If swallowed, seek medical advice immediately and show this container or label.</td>
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<td>S51 Use only in well-ventilated areas.</td>
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<td>S56 Dispose of this material and its container to hazardous or special waste collection point.</td>
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<tr>
<td></td>
<td></td>
<td>S64 If swallowed, rinse mouth with water (only if the person is conscious).</td>
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</table>

## EU DIRECTIVES


## 16 OTHER INFORMATION

**REVISION COMMENTS**

NOTE: Lines within the margin indicate significant changes from the previous revision. Please see Application information in section 1 for important changes

**ISSUED BY**

HS&E Manager.

**REVISION DATE**

17/12/2007

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

3

**SIGNATURE**

ms

**RISK PHRASES IN FULL**

R10 Flammable.

R20 Harmful by inhalation.

R36/38 Irritating to eyes and skin.

## DISCLAIMER

The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.