SAFETY DATA SHEET
Arbokol 1025 SP Base

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME
Arbokol 1025 SP Base

APPLICATION
Joints in swimming pools.

SUPPLIER
Adshead Ratcliffe & Co. Ltd.
Derby Road, Belper
Derbyshire.
DE56 1WJ
Tel. (+44) 01773 826661
Fax. (+44) 01773 821215

2 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>TRIETHYLENETETRAMINE</td>
<td>203-950-6</td>
<td>112-24-3</td>
<td>1-5%</td>
<td>C;R34 Xn;R21 R43 R52/53</td>
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</tbody>
</table>

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

COMPOSITION COMMENTS
Polyamide with fillers, and extender, and auxiliaries.

3 HAZARDS IDENTIFICATION

May cause sensitisation by skin contact.

CLASSIFICATION
R43.

4 FIRST-AID MEASURES

INHALATION
Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

INGESTION
Immediately rinse mouth and drink plenty of water (200-300 ml). DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT
Remove affected person from source of contamination. Remove contaminated clothing. Use resin removing cream. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

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

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Water spray, fog or mist. Foam, carbon dioxide or dry powder.

SPECIFIC HAZARDS

PROTECTIVE MEASURES IN FIRE
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear appropriate protective clothing.

ENVIRONMENTAL PRECAUTIONS
Do not discharge into drains, water courses or onto the ground.
REVISION DATE: 03/10/06

Arbokol 1025 SP Base

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Avoid spilling, skin and eye contact. Persons susceptible for allergic reactions should not handle this product.

STORAGE PRECAUTIONS
Store in tightly closed original container in a dry and cool place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES
Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT
No specific recommendations.

HAND PROTECTION
Use protective gloves.

EYE PROTECTION
Wear approved safety goggles.

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. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Viscous

COLOUR
Buff

ODOUR
Ammonia

SOLUBILITY
Slightly soluble in water.

RELATIVE DENSITY
1.10 @ 20°C

VISCOSITY
12,000 - 15,000 Ps @ 20°C

FLASH POINT (°C)
> 150

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID
Avoid heat, flames and other sources of ignition. Avoid contact with: Oxidising materials.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50
Not determined

INGESTION
May cause discomfort if swallowed.

SKIN CONTACT
May cause sensitisation by skin contact.

EYE CONTACT
May cause irritation to eyes.

12 ECOLOGICAL INFORMATION
Arbokol 1025 SP Base

**ECOTOXICITY**
The product is not expected to be hazardous to the environment.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>LC 50, 96 Hrs, FISH mg/l</td>
<td>Not determined.</td>
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<tr>
<td>EC 50, 48 Hrs, DAPHNIA, mg/l</td>
<td>Not determined.</td>
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</table>

### 13 DISPOSAL CONSIDERATIONS

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

### 14 TRANSPORT INFORMATION

**GENERAL**
The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 15 REGULATORY INFORMATION

**LABELLING**

- **CONTAINS**: TRIETHYLENETETRAMINE
- **RISK PHRASES**
  - R43 May cause sensitisation by skin contact.
- **SAFETY PHRASES**
  - S24 Avoid contact with skin.
  - S37 Wear suitable gloves.
  - S60 This material and its container must be disposed of as hazardous waste.

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

**GUIDANCE NOTES**
Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

### 16 OTHER INFORMATION

**REVISION COMMENTS**
This is first issue.

<table>
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<td>REVISION DATE</td>
<td>03/10/06</td>
</tr>
<tr>
<td>SDS NO.</td>
<td>10286</td>
</tr>
</tbody>
</table>

**RISK PHRASES IN FULL**

- R21 Harmful in contact with skin.
- R34 Causes burns.
- R43 May cause sensitisation by skin contact.
- R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**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.