SAFETY DATA SHEET
ARBOKOL AG1

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME
ARBOKOL AG1

APPLICATION
Expansion joints in brickwork and blockwork. Perimeter sealing of timber windows.

SUPPLIER
Adshead Ratcliffe & Co. Ltd.
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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>2-MERCAPTOETHANOL</td>
<td>200-464-6</td>
<td>60-24-2</td>
<td>&lt; 1%</td>
<td>T,R23/24/25.</td>
</tr>
<tr>
<td>CALCIUM OXIDE</td>
<td>215-138-9</td>
<td>1305-78-8</td>
<td>1-5%</td>
<td>Xi,R37/38,R41.</td>
</tr>
<tr>
<td>LIQUID POLYSULPHIDE POLYMER with thiol end groups (MW &gt;1800)</td>
<td>68611-50-7</td>
<td>10-30%</td>
<td>R52/53.</td>
<td></td>
</tr>
</tbody>
</table>

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

COMPOSITION COMMENTS
Polysulphide polymer, with fillers, plasticiser and auxiliaries.

3 HAZARDS IDENTIFICATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION
R52/53.

HUMAN HEALTH
The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals in contact with skin.

4 FIRST-AID MEASURES

GENERAL INFORMATION
In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

INHALATION
Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION
Immediately rinse mouth and drink plenty of water. If person becomes uncomfortable or if ingested in large amounts (50-100 ml for an adult person): Take to hospital along with these instructions.

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

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
Water spray. Foam, carbon dioxide or dry powder.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS
Wear appropriate protective clothing.
ENVIRONMENTAL PRECAUTIONS
Avoid discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS
Shovel into dry containers. Cover and move the containers. Flush the area with water. Wash thoroughly after dealing with a spillage.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Avoid spilling, skin and eye contact. Observe good industrial hygiene practices.

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

8 EXPOSURE CONTROLS/PERSOAL PROTECTION

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES
Well-ventilated area.

HAND PROTECTION
Use suitable protective gloves if risk of skin contact.

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 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
Uncured - paste. Cured - rubber.

COLOUR
Misc. colours

ODOUR
Mercaptan

SOLUBILITY
Insoluble in water

RELATIVE DENSITY
1.69 - 1.72 @20°C

FLASH POINT (°C)
> 100

VISCOSITY
7,000 - 14,000 Ps @ 20°C

AUTO IGNITION TEMPERATURE (°C)
430

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID
Avoid excessive heat for prolonged periods of time.

MATERIALS TO AVOID
Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS
No specific hazardous decomposition products noted.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50
Not determined

INHALATION
No specific health warnings noted.

INGESTION
No harmful effects expected in amounts likely to be ingested by accident.
SKIN CONTACT
Prolonged and frequent contact may cause redness and irritation. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

EYE CONTACT
May cause irritation to eyes.

HEALTH WARNINGS
Product contains: alkaline material which can cause skin irritation and eye damage.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

| LC 50, 96 Hrs, FISH mg/l | Not determined |

MOBILITY
The product is insoluble in water.

BIOACCUMULATION
No data available on bioaccumulation.

DEGRADABILITY
Product contains: Polysulphide polymer: which is: Poorly biodegradable.

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

RISK PHRASES
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES
S60 This material and its container must be disposed of as hazardous waste.

P14 Contains 3-GLYCIDOXYPROPYLTRIMETHOXYLSILANE. May produce an allergic reaction

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.

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

16 OTHER INFORMATION

REVISED sections: 2, 3, 12, 15.

REV. NO./REPL. SDS GENERATED 25/10/05

RISK PHRASES IN FULL
R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
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.