SAFETY DATA SHEET
ARBOSIL XL1099

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME ARBOSIL XL1099
APPLICATION Sealant for joints in: natural stone, PVCU and aluminium window frames Perimeter floor joints.
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>ALKANES, C11 - C15</td>
<td>292-460-6</td>
<td>90622-58-5</td>
<td>1-5%</td>
<td>Xn; R65, R66.</td>
</tr>
<tr>
<td>METHYL-0,0',0''-BUTAN-2-ONE-TRIOXIMOSILANE</td>
<td>245-366-4</td>
<td>22984-54-9</td>
<td>1-5%</td>
<td>Xi; R36/38, R43.</td>
</tr>
<tr>
<td>POLYDIMETHYLSILOXANE WITH AMINOALKYL GROUPS</td>
<td>67923-07-3</td>
<td></td>
<td>1-5%</td>
<td>Xi; R38, R41.</td>
</tr>
</tbody>
</table>

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

COMPOSITION COMMENTS
Polydimethylsiloxane with fillers, auxiliaries, and oximosilane crosslinking agent.

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. 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
By fire, toxic gases may be formed (COx, NOx).

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.
ARBOSIL XL1099

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 cool, dry well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>LT - ppm</th>
<th>LT - mg/m3</th>
<th>ST - ppm</th>
<th>ST - mg/m3</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALKANES, C11 - C15</td>
<td></td>
<td></td>
<td>1200 mg/m3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES
Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT
No specific recommendations. Use of ABEK mask filter during prolonged exposure advised.

HAND PROTECTION
Use protective gloves made of: Butyl rubber. Nitrile. Gloves suitable for up to 60 minutes use.

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 Uncured - paste. Cured - rubber.
COLOUR Misc. colours
ODOUR Strong.
SOLUBILITY Insoluble in water
RELATIVE DENSITY 1.35 RELATIVE DENSITY @ 20 °C
FLASH POINT (°C) Not applicable AUTO IGNITION TEMPERATURE (°C)#30

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID
Avoid excessive heat for prolonged periods of time. Avoid contact with: Oxidising materials. moisture

HAZARDOUS DECOMPOSITION PRODUCTS
Temperatures of ~ 150 C may generate: A small amount of formaldehyde.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50
By analogy >2009 mg/kg (oral rat)

TOXICOLOGICAL INFORMATION
Butanone-2-oxime (MEKO) is damaging to nasal membranes in rats and mice at a concentration in excess of 10ppm over a prolonged period of time.

INGESTION
May cause discomfort if swallowed.

SKIN CONTACT
May cause sensitisation by skin contact.

EYE CONTACT
May cause irritation to eyes.
HEALTH WARNINGS
Moisture curing process releases a small amount of butanone-2-oxime (MEKO) which can irritate skin and mucous membranes. Prolonged exposure to large quantities of MEKO may cause irreversible damage to health.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
The product is not expected to be hazardous to the environment. In cross-linked state not soluble in water. Easily separable from water by filtration.

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

BIOACCUMULATION
This product is not expected to significantly bioaccumulate.

DEGRADABILITY
Not degradable.

ACUTE FISH TOXICITY
Toxicity to fish is improbable.

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
METHYL-0,0',0''-BUTAN-2-ONE-TRIOXIMOSILANE

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
Revised sections: 2, 8.

REVOLUTION DATE 17/06/05

REV. NO./REPL. SDS GENERATED 02/12/02

SDS NO. 10194

RISK PHRASES IN FULL
R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes.
R43 May cause sensitisation by skin contact.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
DISCLAIMER
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