

## SAFETY DATA SHEET ARBOSIL 1070

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

PRODUCT NAME                      ARBOSIL 1070  
 APPLICATION                        Fire resistant silicone sealant.  
 SUPPLIER                             Adshead Ratcliffe & Co. Ltd.  
     Derby Road, Belper  
     Derbyshire.  
     DE56 1WJ  
     Tel. (+44) 01773 826661  
     Fax. (+44) 01773 821215

### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BIS-(N-METHYLBENZAMIDO)-METHYLETH OXYSILANE	240-354-5	16230-35-6	1-5%	Xi;R36/38.
DIBUTYLTIN DILAURATE	201-039-8	77-58-7	< 1%	Xn;R48/22. Xi;R36/38. N;R50/53.
TITANIUMACETYLACETATE	281-161-6	83877-91-2	1-5%	R10.

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

#### COMPOSITION COMMENTS

Polydimethylsiloxane with fillers, auxiliaries. benzamidosilane crosslinking agent.

### 3 HAZARDS IDENTIFICATION

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

CLASSIFICATION                      R52/53.

### 4 FIRST-AID MEASURES

#### 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 (200-300 ml). Give milk instead of water if readily available. 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

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.

#### SPECIFIC HAZARDS

By heating and fire, harmful vapours/gases may be formed.

### 6 ACCIDENTAL RELEASE MEASURES

#### PERSONAL PRECAUTIONS

Wear appropriate protective clothing.

#### ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Avoid discharge onto the ground.

#### SPILL CLEAN UP METHODS

Collect and reclaim or dispose in sealed containers in licensed waste.

**ARBOSIL 1070****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 cool, dry well-ventilated place.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

## PROTECTIVE EQUIPMENT



## ENGINEERING MEASURES

No particular ventilation requirements.

## HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

## EYE PROTECTION

Not generally required.

## 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	Slight odour		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	1.18 - 1.195 @ 20°C	VISCOSITY	5,000 - 7,000 Ps @ 20°C
FLASH POINT (°C)	230 (as paste)	AUTO IGNITION TEMPERATURE (°C) #50 (as paste)	

**10 STABILITY AND REACTIVITY**

## STABILITY

Stable under normal temperature conditions and recommended use.

## CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

**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

Skin irritation is not anticipated when used normally.

## EYE CONTACT

May cause irritation to eyes. Will not injure eye tissue.

**12 ECOLOGICAL INFORMATION**

## ECOTOXICITY

The product contains a substance which is very toxic 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.

**13 DISPOSAL CONSIDERATIONS**

## DISPOSAL METHODS

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

**ARBOSIL 1070****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

S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

## 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**

## REVISION COMMENTS

General review

REVISION DATE 27/10/05

REV. NO./REPL. SDS GENERATED 06/01/04

SDS NO. 10166

## RISK PHRASES IN FULL

R10 Flammable.

R36/38 Irritating to eyes and skin.

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## DISCLAIMER

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