

SAFETY DATA SHEET ARBOSIL HM

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME ARBOSIL HM
 APPLICATION General purpose silicone sealant
 SUPPLIER Adshead Ratcliffe & Co. Ltd.
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BENZENE, C10-13-ALKYL DERIVATIVES	267-051-0	67774-74-7	5-10%	N;R50.
OCTAMETHYLCYCLOTETRASILOXANE	209-136-7	556-67-2	1-5%	Repr3;R62 R53
TRIACETOXYMETHYLSILANE	224-221-9	4253-34-3	1-5%	Xn;R22. C;R34. R14.

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

COMPOSITION COMMENTS

Polydimethylsiloxane with fillers, auxiliaries. acetoxysilane crosslinking agent.

3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

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 (200-300 ml). DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

Remove product from skin with paper towel or cloth. Wash skin thoroughly 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

Provide adequate ventilation. Wear appropriate protective clothing.

ENVIRONMENTAL PRECAUTIONS

Do not allow into watercourses.

SPILL CLEAN UP METHODS

Collect and reclaim or dispose in sealed containers in licensed waste. Clean any slippery coating that remains using a detergent / soap solution or other biodegradable cleaner.

ARBOSIL HM

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

A small amount of acetic acid is formed on curing. Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

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

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Well-ventilated area.

RESPIRATORY EQUIPMENT

Use of ABEK mask filter during prolonged exposure advised.

HAND PROTECTION

Use protective gloves made of: Viton rubber (fluor rubber).

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

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	Pungent		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	1.04 @ 25°C	VISCOSITY	~ 8000 Ps @ 20°C
AUTO IGNITION TEMPERATURE (°C)	~ 400	FLAMMABILITY LIMIT - LOWER(%)	4 (acetic acid)
FLAMMABILITY LIMIT - UPPER(%)	17 (acetic acid)		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions. Moisture curing process releases: a small amount of acetic acid

CONDITIONS TO AVOID

Reacts with water, basic substances and alcohols. Reaction causes the formation of: acetic acid.

HAZARDOUS DECOMPOSITION PRODUCTS

Temperatures of ~ 150 C may generate: A small amount of formaldehyde. By hydrolysis: Acetic acid.

11 TOXICOLOGICAL INFORMATION

EYE CONTACT

Evaluation in analogy to a tested similar product: Slight irritation possible.

HEALTH WARNINGS

Moisture curing process releases a small amount of acetic acid which can irritate skin and mucous membranes. Serious long-term effects are not known to be related to this type of product.

12 ECOLOGICAL INFORMATION

ARBOSIL HM**ECOTOXICITY**

In cross-linked state not soluble in water. Easily separable from water by filtration.

BIOACCUMULATION

Improbable.

DEGRADABILITY

Not degradable.

ACUTE FISH TOXICITY

Toxicity to fish is improbable.

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

Waste is suitable for incineration.

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**

NC Not classified.

SAFETY PHRASES

P13 Safety data sheet available for professional user on request.

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, 4, 7, 11, 13,

REVISION DATE 09/11/06

REV. NO./REPL. SDS GENERATED 18/07/05

SDS NO. 10008

RISK PHRASES IN FULL

R14	Reacts violently with water.
R22	Harmful if swallowed.
R34	Causes burns.
R50	Very toxic to aquatic organisms.
R53	May cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.

DISCLAIMER

The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.