

SAFETY DATA SHEET

Arbokol 1025 SP Curing Agent

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME Arbokol 1025 SP Curing Agent
 APPLICATION Joints in swimming pools.
 SUPPLIER Adshead Ratcliffe & Co. Ltd.
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BISPHENOL F - EPICHLOROHYDRIN RESIN (number average MW <= 700)		28064-14-4	10-30%	Xi;R36/38. N;R51/53. R43.
EPOXY RESIN (Number average MW <= 700)	500-033-5	25068-38-6	10-30%	R43 Xi;R36/38 N;R51/53

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

COMPOSITION COMMENTS

Epoxy resin, with extenders, auxiliaries. and mineral fillers.

3 HAZARDS IDENTIFICATION

May cause sensitisation by skin contact. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xi;R36/38. R43. N;R51/53.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

INGESTION

Rinse mouth thoroughly. Drink plenty of water. Get medical attention.

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 irritation persists after washing.

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

Foam, carbon dioxide or dry powder.

SPECIFIC HAZARDS

Fire creates: noxious or toxic vapours.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer. Flush with plenty of water to clean spillage area.

7 HANDLING AND STORAGE

Arbokol 1025 SP Curing Agent**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

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

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT**ENGINEERING MEASURES**

No particular ventilation requirements.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of 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 wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous paste		
COLOUR	Off-white, grey.		
ODOUR	Mild (or faint).		
SOLUBILITY	Slightly soluble in water.		
RELATIVE DENSITY	1.34 @ 20°C	VISCOSITY	12,000 - 18,000 Ps @ 20°C
FLASH POINT (°C)	> 150		

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Temperatures above 50 C

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 > 5000 mg/kg (oral rat)

INHALATION

May cause irritation to the respiratory system.

INGESTION

May cause stomach pain or vomiting. May cause chemical burns in mouth and throat.

SKIN CONTACT

Prolonged or repeated exposure may cause severe irritation. May cause sensitisation by skin contact.

EYE CONTACT

May cause severe irritation to eyes.

12 ECOLOGICAL INFORMATION

Arbokol 1025 SP Curing Agent

ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (epoxy resin)		
UN NO. ROAD	3077	ADR CLASS NO.	9
ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.	ADR PACK GROUP	III
HAZARD No. (ADR)	90	UN NO. SEA	3077
IMDG CLASS	9	IMDG PACK GR.	III
EMS	None	UN NO. AIR	3077
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Irritant



Dangerous for the environment

CONTAINS

BISPHENOL F - EPICHLOROHYDRIN RESIN (number average MW <= 700)
 EPOXY RESIN (Number average MW <= 700)

RISK PHRASES

R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R43	May cause sensitisation by skin contact.
R36/38	Irritating to eyes and skin.

SAFETY PHRASES

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37	Wear suitable gloves.
S24/25	Avoid contact with skin and eyes.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
P5	Contains epoxy constituents. See information supplied by the manufacturer.

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.

REVISION DATE 03/10/06

Arbokol 1025 SP Curing Agent

SDS NO. 10287

RISK PHRASES IN FULL

R36/38	Irritating to eyes and skin.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.