

## SAFETY DATA SHEET ARBO 2020 BASE

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

PRODUCT NAME ARBO 2020 BASE

SUPPLIER Adshead Ratcliffe & Co. Ltd.  
Derby Road, Belper  
Derbyshire.  
DE56 1WJ  
Tel. (+44) 01773 826661  
Fax. (+44) 01773 821215  
sds@arbo.co.uk

APPLICATION Base component of: Construction joint sealant

EMERGENCY TELEPHONE (+44) 01773 826661 (office hours only)

### 2 HAZARDS IDENTIFICATION

May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
CLASSIFICATION (1999/45) R43. R52/53.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
OXIRANE, MONO [(C12-14- ALKYL OXY)METHYL] DERIVS		68609-97-2	5-10%	R43 Xi;R38
EPOXY RESIN (Number average MW <= 700 )	500-033-5	25068-38-6	1-5%	R43 Xi;R36/38 N;R51/53
BISPHENOL F - EPICHLOROHYDRIN RESIN (number average MW <= 700)		28064-14-4	1-5%	Xi;R36/38. N;R51/53. R43.
3-GLYCIDOXYPROPYLTRIMETHOXYSILANE	219-784-2	2530-83-8	1-5%	Xn;R22. Xi;R36. R43.

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

#### COMPOSITION COMMENTS

Flexibilised liquid bisphenol A/F epoxy resin, with mineral fillers. and auxiliaries.

### 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

Remove victim immediately from source of exposure. 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.

#### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Use resin removing cream. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

#### EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. 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

In case of fire, toxic gases may be formed (COx, NOx).

### 6 ACCIDENTAL RELEASE MEASURES

**ARBO 2020 BASE****PERSONAL PRECAUTIONS**

Provide adequate ventilation. Wear appropriate protective clothing.

**ENVIRONMENTAL PRECAUTIONS**

Do not allow into watercourses.

**SPILL CLEAN UP METHODS**

Absorb in vermiculite, dry sand or earth and place into containers.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Observe good chemical hygiene practices. Persons susceptible to allergic reactions should not handle this product.

**STORAGE PRECAUTIONS**

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

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

Provide adequate ventilation.

**RESPIRATORY EQUIPMENT**

No specific recommendations.

**HAND PROTECTION**

Wear protective gloves.

**EYE PROTECTION**

Wear approved safety goggles.

**HYGIENE MEASURES**

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. **DO NOT SMOKE IN WORK AREA!**

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Paste		
COLOUR	White / off-white		
ODOUR	Mild		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	~ 1.5 @ 20°C	VISCOSITY	10,000 - 13,000 Ps @ 20°C
FLASH POINT (°C)	150		

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid contact with: Oxidising materials. Strong mineral acids. Strong alkalis.

**MATERIALS TO AVOID**

Amines. Mercaptans (thiols).

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50 Not determined

**INHALATION**

No specific health warnings noted.

**INGESTION**

May cause discomfort if swallowed. Gastrointestinal symptoms, including upset stomach.

**SKIN CONTACT**

May cause sensitisation by skin contact.

## ARBO 2020 BASE

## EYE CONTACT

May cause irritation to eyes.

## HEALTH WARNINGS

Preparation contains an epoxy resin, which may cause sensitisation and development of allergy.

## 12 ECOLOGICAL INFORMATION

## ECOTOXICITY

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

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

EC 50, 48 Hrs, DAPHNIA, mg/l Not determined.

IC 50, 72 Hrs, ALGAE, mg/l Not determined.

## BIOACCUMULATION

Has the potential to bioaccumulate.

## DEGRADABILITY

Poorly biodegradable.

## 13 DISPOSAL CONSIDERATIONS

## GENERAL INFORMATION

Waste is classified as hazardous waste.

## DISPOSAL METHODS

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

May be mixed with curing agent component to give an inert polymeric material.

## WASTE CLASS

H13 - Sensitising

H14 - Ecotoxic

Recommended EWC Code 08 04 09\*

## 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



Irritant

## CONTAINS

OXIRANE, MONO [(C12-14- ALKYLOXY)METHYL] DERIVS

EPOXY RESIN (Number average MW <= 700 )

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

3-GLYCIDOXYPROPYLTRIMETHOXYSILANE

## RISK PHRASES

R43 May cause sensitisation by skin contact.

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

## SAFETY PHRASES

S24 Avoid contact with skin.

S37 Wear suitable gloves.

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

P5 Contains epoxy constituents. See information supplied by the manufacturer.

## EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

## 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.

## ARBO 2020 BASE

### GUIDANCE NOTES

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

### 16 OTHER INFORMATION

#### REVISION COMMENTS

Revised sections: 13,

REVISION DATE 21/10/10

REV. NO./REPL. SDS GENERATED 14/11/07

SDS NO. 10187

#### SAFETY DATA SHEET STATUS

Approved.

#### RISK PHRASES IN FULL

R22	Harmful if swallowed.
R36/38	Irritating to eyes and skin.
R36	Irritating to eyes.
R38	Irritating to 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

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 a 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.