

## SAFETY DATA SHEET ARBO PRIMER 2172

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

PRODUCT NAME	ARBO PRIMER 2172
APPLICATION	Primer for use on specified substrates prior to the application of Arbosil silicone sealants.
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
ETHYL ACETATE	205-500-4	141-78-6	60-100%	F;R11 Xi;R36 R66 R67
METHANOL	200-659-6	67-56-1	1-5%	F;R11 T;R23/24/25,R39/23/24/25
METHYL METHACRYLATE	201-297-1	80-62-6	5-10%	F;R11 R43 Xi;R37/38

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

### 3 HAZARDS IDENTIFICATION

Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed. Repeated exposure may cause skin dryness or cracking. Highly flammable. Irritating to eyes. May cause sensitisation by skin contact. Harmful by inhalation, in contact with skin and if swallowed.

CLASSIFICATION Xn;R20/21/22, R68/20/21/22. Xi;R36. R43. F;R11. R66.

### 4 FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. NOTE! Keep affected person away from heat, sparks and flames! For breathing difficulties oxygen may be necessary. Keep the affected person warm and at rest. Get prompt medical attention.

#### INGESTION

Remove victim immediately from source of exposure. Rinse mouth thoroughly. Drink plenty of water. DO NOT induce vomiting. Get medical attention immediately.

#### SKIN CONTACT

Remove contaminated clothing. 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. Contact physician if irritation persists.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Fire can be extinguished using: Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc.

#### SPECIAL FIRE FIGHTING PROCEDURES

Keep run-off water out of sewers and water sources. Dike for water control. Cool containers exposed to flames with water until well after the fire is out.

#### UNUSUAL FIRE & EXPLOSION HAZARDS

May travel considerable distance to source of ignition and flash back. May explode when heated or when exposed to flames or sparks. Vapour explosion and poison hazard indoors, outdoors and in sewers.

#### SPECIFIC HAZARDS

Irritating gases/vapours/fumes of Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

#### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6 ACCIDENTAL RELEASE MEASURES

**ARBO PRIMER 2172****PERSONAL PRECAUTIONS**

Use protective gloves, goggles and suitable protective clothing. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Eliminate all sources of ignition.

**SPILL CLEAN UP METHODS**

Collect with non-combustible absorbent material. Flush with water. Dike for large spills. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Inform Authorities if large amounts are involved.

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

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Wear full protective clothing for prolonged exposure and/or high concentrations.

**STORAGE PRECAUTIONS**

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container. May attack some plastics, rubber and coatings. Ground container and transfer equipment to eliminate static electric sparks.

**STORAGE CLASS**

Flammable liquid storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
METHANOL	WEL	200 ppm(Sk)	266 mg/m3(Sk)	250 ppm(Sk)	333 mg/m3(Sk)
ETHYL ACETATE	WEL	200 ppm		400 ppm	
METHYL METHACRYLATE	WEL	50 ppm	208 mg/m3	100 ppm	416 mg/m3

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT****PROCESS CONDITIONS**

Provide eyewash station.

**ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation. Must not be handled in confined space without sufficient ventilation.

**RESPIRATORY EQUIPMENT**

In case of inadequate ventilation use suitable respirator. Use respiratory equipment with gas filter, type AX.

**HAND PROTECTION**

For exposure of 1 to 4 hours use gloves made of: Rubber (natural, latex). 0.5mm thickness. For exposure of 4 to 8 hours use gloves made of: Butyl rubber. 0.35mm thickness.

**EYE PROTECTION**

Wear approved safety goggles.

**OTHER PROTECTION**

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash, quick drench. 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 with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Clear	MELTING POINT (°C)	< 0
APPEARANCE	Liquid	FLASH POINT (°C)	~ -2.8
COLOUR	Water-white	FLAMMABILITY LIMIT - LOWER(%)	2
ODOUR	Ester.		
SOLUBILITY	Partly miscible with water.		
BOILING POINT (°C)	~ 80		
RELATIVE DENSITY	0.91		
AUTO IGNITION TEMPERATURE (°C)	385		
FLAMMABILITY LIMIT - UPPER(%)	11		

## ARBO PRIMER 2172

**10 STABILITY AND REACTIVITY**

## STABILITY

Stable under normal temperature conditions and recommended use.

## CONDITIONS TO AVOID

Avoid contact with oxidisers or reducing agents. Avoid heat, flames and other sources of ignition.

## HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

**11 TOXICOLOGICAL INFORMATION**

## INHALATION

Vapours may cause headache, fatigue, dizziness and nausea. Harmful by inhalation. Harmful: possible risk of irreversible effects through inhalation.

## INGESTION

Narcotic effect. Harmful if swallowed. Harmful: possible risk of irreversible effects if swallowed.

## SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Harmful in contact with skin. Harmful: possible risk of irreversible effects in contact with skin.

## EYE CONTACT

Irritating to eyes.

## ROUTE OF ENTRY

Inhalation. Ingestion. Skin and/or eye contact.

## MEDICAL SYMPTOMS

Extreme irritation of eyes and mucous membranes, including burning and tearing. Severe skin irritation. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Pulmonary oedema, frothy sputum.

**12 ECOLOGICAL INFORMATION**

## ECOTOXICITY

No data for this product is available.

**13 DISPOSAL CONSIDERATIONS**

## DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

**14 TRANSPORT INFORMATION**

PROPER SHIPPING NAME	FLAMMABLE LIQUID, N.O.S.(ETHYL ACETATE, METHANOL)		
UN NO. ROAD	1993	ADR CLASS NO.	3
ADR CLASS	Class 3: Flammable liquids.	ADR PACK GROUP	II
HAZARD No. (ADR)	33	ADR LABEL NO.	3
HAZCHEM CODE	3[Y]E	CEFIC TEC(R) NO.	30G80
RID CLASS NO.	3	RID PACK GROUP	II
UN NO. SEA	1993	IMDG CLASS	3
IMDG PACK GR.	II	EMS	3-07
UN NO. AIR	1993	ICAO CLASS	3
AIR PACK GR.	II		

**15 REGULATORY INFORMATION**

## LABELLING



Harmful



Highly Flammable

**ARBO PRIMER 2172**

## CONTAINS

METHANOL  
METHYL METHACRYLATE

## RISK PHRASES

R11	Highly flammable.
R36	Irritating to eyes.
R43	May cause sensitisation by skin contact.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R68/20/21/22	Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

## SAFETY PHRASES

S16	Keep away from sources of ignition - No smoking.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37	Wear suitable protective clothing and 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: 8.

REVISION DATE 15/08/05

REV. NO./REPL. SDS GENERATED 18/03/04

SDS NO. 10023

## RISK PHRASES IN FULL

R11	Highly flammable.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R36	Irritating to eyes.
R37/38	Irritating to respiratory system and skin.
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R43	May cause sensitisation by skin contact.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

## 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 any 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.