

## SAFETY DATA SHEET ARBO PRIMER 2650

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

PRODUCT NAME	ARBO PRIMER 2650
APPLICATION	Primer for use on porous substrates prior to the application of specified ARBO products.
SUPPLIER	Adshead Ratcliffe & Co. Ltd. Derby Road, Belper Derbyshire. DE56 1WJ Tel. (+44) 01773 826661 Fax. (+44) 01773 821215 sds@arbo.co.uk
EMERGENCY TELEPHONE	(+44) 01773 826661 (office hours only)

### 2 HAZARDS IDENTIFICATION

Highly flammable. Irritating to skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Vapours may cause drowsiness and dizziness. Harmful: may cause lung damage if swallowed.

CLASSIFICATION Xn;R48/20, R65. Rep 3;R63. Xi;R38. F;R11. R67.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BUTANOL-norm	200-751-6	71-36-3	1-5%	R10 Xn;R22 Xi;R37/38,R41 R67
TOLUENE	203-625-9	108-88-3	60-100%	F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67
TRIMETHOXY METHYLSILANE	214-685-0	1185-55-3	1-5%	Xi;R38. F;R11.

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

#### COMPOSITION COMMENTS

Polyacrylate and methoxysilanes, in organic solvent.

### 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. 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

Immediately give a couple of glasses of water or milk, provided the victim is fully conscious. DO NOT induce vomiting. Get medical attention immediately. Danger of aspiration.

#### 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. Get medical attention if any discomfort continues.

### 5 FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. 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.

**ARBO PRIMER 2650****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).

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Wear appropriate protective clothing. Avoid inhalation of vapours and contact with skin and eyes. In case of spills, beware of slippery floors and surfaces.

**ENVIRONMENTAL PRECAUTIONS**

Do not allow to enter drains, sewers or watercourses.

**SPILL CLEAN UP METHODS**

Clean-up personnel should use respiratory and/or liquid contact protection. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Collect with non-combustible absorbent material. Flush with water. Dike for large spills. 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 dry, cool and well-ventilated place. 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/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
BUTANOL-norm	WEL			50 ppm(Sk)	154 mg/m <sup>3</sup> (Sk)
TOLUENE	WEL	50 ppm(Sk)	191 mg/m <sup>3</sup> (Sk)	100 ppm(Sk)	384 mg/m <sup>3</sup> (Sk)

**INGREDIENT COMMENTS**

WEL = Workplace Exposure Limits

**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

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

**RESPIRATORY EQUIPMENT**

Use of ABEK mask filter during prolonged exposure advised. Self-contained breathing apparatus.

**HAND PROTECTION**

Use protective gloves made of: Viton rubber (fluor rubber). Gloves suitable for up to 60 minutes use.

**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**

**ARBO PRIMER 2650**

APPEARANCE	Liquid		
COLOUR	Colourless		
ODOUR	Strong.		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	111 @ 101.3 kPa	RELATIVE DENSITY	0.95 @ 20°C
VAPOUR PRESSURE	2.9 kPa @ 20°C	VISCOSITY	100 - 300 cps @ 20°C
FLASH POINT (°C)	8	AUTO IGNITION	~580
		TEMPERATURE (°C)	
FLAMMABILITY LIMIT - LOWER(%)	1.2	FLAMMABILITY LIMIT - UPPER(%)	7

**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. Reacts with water, basic substances and alcohols. Reaction causes the formation of: methanol.

**HAZARDOUS DECOMPOSITION PRODUCTS**

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

**11 TOXICOLOGICAL INFORMATION**

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

**TOXICOLOGICAL INFORMATION**

The product has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly.

**INHALATION**

Harmful: danger of serious damage to health by prolonged exposure through inhalation. Vapours may cause headache, fatigue, dizziness and nausea.

**INGESTION**

Narcotic effect.

**SKIN CONTACT**

Irritating to skin. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

**EYE CONTACT**

Irritating to eyes.

**Other Health Effects**

Toxic to Reproductive Health Categ. 3.

**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.

**MEDICAL CONSIDERATIONS**

Skin disorders and allergies.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

There are no data on the ecotoxicity of this product.

LC 50, 96 Hrs, FISH mg/l Toluene: 34

EC 50, 48 Hrs, DAPHNIA, mg/l Toluene: 60

**MOBILITY**

The product has poor water-solubility.

**BIOACCUMULATION**

This product is not expected to significantly bioaccumulate.

**DEGRADABILITY**

Polymer components: Biologically not degradable. Organic solvent: Readily biologically degradable.

**13 DISPOSAL CONSIDERATIONS**

# ARBO PRIMER 2650

## 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. (TOLUENE, BUTANOL)		
UN NO. ROAD	1993	ADR CLASS NO.	3
ADR PACK GROUP	II	HAZARD No. (ADR)	33
ADR LABEL NO.	3	HAZCHEM CODE	3[Y]E
RID CLASS NO.	3	RID PACK GROUP	II
UN NO. SEA	1993	IMDG PACK GR.	II
EMS	3-07	UN NO. AIR	1993
AIR CLASS	3	AIR PACK GR.	II

## 15 REGULATORY INFORMATION

### LABELLING



Harmful



Highly Flammable

### CONTAINS

TOLUENE

### RISK PHRASES

R11	Highly flammable.
R38	Irritating to skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63	Possible risk of harm to the unborn child.
R67	Vapours may cause drowsiness and dizziness.
R65	Harmful: may cause lung damage if swallowed.

### SAFETY PHRASES

S16	Keep away from sources of ignition - No smoking.
S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.
P14	Contains BUTYL METHACRYLATE -norm, METHYL METHACRYLATE. May produce an allergic reaction.

### 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

Revised sections: 8.

## ARBO PRIMER 2650

REVISION DATE 23/01/08

REV. NO./REPL. SDS GENERATED 24/10/05

SDS NO. 10060

### RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R22	Harmful if swallowed.
R37/38	Irritating to respiratory system and skin.
R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63	Possible risk of harm to the unborn child.
R65	Harmful: may cause lung damage if swallowed.
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.