

SAFETY DATA SHEET ARBO PRIMER 925

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

PRODUCT NAME	ARBO PRIMER 925
APPLICATION	Primer for use on porous substrates prior to the application of specified Arbokol products.
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2 HAZARDS IDENTIFICATION

Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness. Highly flammable. Irritating to skin. Limited evidence of a carcinogenic effect.

CLASSIFICATION Xn;R48/20. Carc 3;R40, Rep 3;R63. Xi;R38. F;R11. N;R51/53. R67.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-METHOXY-1-METHYLETHYL ACETATE	203-603-9	108-65-6	1-5%	R10 Xi;R36
ALKANES, C10-C13, CHLORO	287-476-5	85535-84-8	10-30%	Carc3;R40 N;R50/53
TOLUENE	203-625-9	108-88-3	30-60%	F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67
XYLENE	215-535-7	1330-20-7	1-5%	R10 Xn;R20/21 Xi;R38

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

COMPOSITION COMMENTS

Aromatic polyisocyanate, Chlorinated rubber, and extender, in solvent mixture.

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.

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 925

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 (CO₂). 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 ³	ST - ppm	ST - mg/m ³
2-METHOXY-1-METHYLETHYL ACETATE	WEL	50 ppm(Sk)	274 mg/m ³ (Sk)	100 ppm(Sk)	548 mg/m ³ (Sk)
TOLUENE	WEL	50 ppm(Sk)	191 mg/m ³ (Sk)	100 ppm(Sk)	384 mg/m ³ (Sk)
XYLENE	WEL	50 ppm(Sk)	220 mg/m ³ (Sk)	100 ppm(Sk)	441 mg/m ³ (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

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Use protective gloves made of: Butyl rubber.

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.

ARBO PRIMER 925**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid		
COLOUR	Straw		
ODOUR	Aromatic.		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	111	RELATIVE DENSITY	1.15 @ 20°C
VISCOSITY	550 - 700 cps @ 20" C	FLASH POINT (°C)	4
AUTO IGNITION TEMPERATURE (°C)	480	FLAMMABILITY LIMIT - LOWER(%)	1.3
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.

MATERIALS TO AVOID

NITRIC ACID

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

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.

EYE CONTACT

Irritating to eyes.

HEALTH WARNINGS

Preparation contains small volumes of isocyanate which may cause allergic reaction and irritation of respiratory system.

Other Health Effects

Carcinogen Category 3. 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.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

There are no data on the ecotoxicity of this product. Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

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

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

MOBILITY

The product is insoluble in water.

13 DISPOSAL CONSIDERATIONS

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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	PAINT RELATED MATERIAL. MARINE POLLUTANT (C10 - C13 chlorinated paraffin)		
UN NO. ROAD	1263	ADR CLASS NO.	3
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
UN NO. SEA	1263	IMDG CLASS	3
IMDG PACK GR.	II	EMS	3-05
MARINE POLLUTANT		UN NO. AIR	1263



AIR CLASS	3	AIR PACK GR.	II
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15 REGULATORY INFORMATION

LABELLING



Harmful



Highly Flammable



Dangerous for the environment

CONTAINS ALKANES, C10-C13, CHLORO
TOLUENE

RISK PHRASES

R11	Highly flammable.
R38	Irritating to skin.
R40	Limited evidence of a carcinogenic effect.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63	Possible risk of harm to the unborn child.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

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.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.
P4	Contains isocyanates. See information supplied by the manufacturer.

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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.

REVISION DATE 23/01/08

REV. NO./REPL. SDS GENERATED 23/08/05

SDS NO. 10158

RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R20/21	Harmful by inhalation and in contact with skin.
R36	Irritating to eyes.
R38	Irritating to skin.
R40	Limited evidence of a carcinogenic effect.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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.