



Trade Mark Reg.No.181523
Ind.Reg 106656

Safety Data Sheet

ALFADOX POLYURETHANE ADHESIVE (NON FLAMMABLE)



Safety Data Sheet dated 11/Dec/2025 version 1

1. IDENTIFICATION OF THE PRODUCT AND OF THE PRODUCER

Trade name	Alfadox
Color	Transparent
Chemical property	Polyurethane dissolved in solvents
Product type and use	PU Adhesive for shoe industry
Seller :	

Jordan ELAF Adhesive Industry, Co -Irbid- Jordan.
Emergency Tel No of the company and / Or of an authorized advisory center
: Jordan ELAF Adhesive Industry, Co- Phone 00962-2-7391-050

2. COMPOSITION /INFORMATION ON INGREDIENTS :

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification :

75% - 80%

Methylene chloride

CAS: 75-09-2 EINECS: 200-838-9

3. HAZARDS IDENTIFICATION:

The product is non flammable.

If brought into contact with the eyes, the product causes considerable irritation which can last for over 24 hours.

The product may present a risk of carcinogenesis.

4. FIRST AID MEASURES:

Contact with skin :

Immediately take off all contaminated clothing.

Areas of the body that have- or are only even suspected of having -come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.



Trade Mark Reg.No.181523
Ind.Reg 106656

Safety Data Sheet

POLYURETHANE ADHESIVE (NON FLAMMABLE)

Contact with eyes :

Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. OBTAIN A MEDICAL EXAMINATION.
Do not use eyewash or ointment of any kind (before obtaining an examination or advice from an eye specialist).

Swallowing :

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

A suspension of activated charcoal in water, or liquid paraffin may be administered

Inhalation :

Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES :

The product is non flammable, as in any fire, wear a self-contained breathing apparatus in pressure-demand, and full protective gear. Use water spray to keep fire-exposed containers cool.

Extinguishing Media:

Use water spray, chemical carbon dioxide, or appropriate foam.

6. ACCIDENTAL RELEASE MEASURES:

Measures for personal safety :

Use a mask, gloves and protective clothing.

Environmental measures :

Limit leakages with earth or sand.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods :

Rapidly recover the product. To do so, wear a mask and protective clothing. If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.



Trade Mark Reg.No.181523
Ind.Reg 106656

Safety Data Sheet

POLYURETHANE ADHESIVE (NON FLAMMABLE)

7. HANDLING AND STORAGE:

Handling precautions :

Avoid contact and inhalation of the vapors. See, too, paragraph 8 below.

Do not eat or drink while working.

Storage conditions :

Store in airy warehouse.

Instructions as regards storage premises :

Cool and adequately ventilated

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION :

OEL Short-term value: 3620 mg/m³, 1500ml/m³.

Long-term value: 1810 mg/m³, 750ml/m³.

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or

Respiratory protection :

Use adequate protective respiratory equipment. e.g. CEN/FFP-2(S)

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C,
Neoprene or Rubber

Eye protection :

Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1.

Protection for skin :

Use clothing that provides comprehensive protection to the skin, e.g. cotton,
rubber, PVC, or viton.

9. PHYSICAL AND CHEMICAL PROPERTIES :

Appearance and color: Liquid.

Color : Transparent

Odour : typic

Viscosity : not applicabile

Boiling Point : 60°C

Flash point : not applicabile

Solid/gas flammability : not determined

Explosive properties : no explosive properties

Oxidizing properties : no comburent properties

Density : 1.33

Solubility in water : very scarce

10. STABILITY AND REACTIVITY :

Conditions to avoid :

The product is non flammable.



Trade Mark Reg.No.181523
Ind.Reg 106656

Safety Data Sheet

POLYURETHANE ADHESIVE (NON FLAMMABLE)

Substances to avoid :

The product could not catch fire. Hazardous decomposition products :
It does not generate flammable gases.

11. TOXICOLOGICAL INFORMATION :

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Set out below is the toxicological information relating to the main substances in the preparation. CAS# 75-09-2: PA8050000 LD50/LC50:

CAS# 75-09-2: Draize test, rabbit, eye: 162 mg Moderate; Draize test, rabbit, eye: 10 mg Mild test, rabbit, eye: 500 mg/24H Mild; Draize test, rabbit, skin: 810 mg/24H Severe; Draize tes skin: 100 mg/24H Moderate; Inhalation, mouse: LC50 = 14400 ppm/7H; Inhalation, rat: LC gm/m3; Oral, rat: LD50 = 1600 mg/kg.

Carcinogenicity:

Methylene chloride - ACGIH: A3 - Animal Carcinogen California: carcinogen; initial date 4/1/88
occupational carcinogen NTP: Suspect carcinogen OSHA: Possible Select carcinogen IARC: G
carcinogen Other:

See actual entry in RTECS for complete information.

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.



Trade Mark Reg.No.181523
Ind.Reg 106656

Safety Data Sheet

POLYURETHANE ADHESIVE (NON FLAMMABLE)

13. DISPOSAL CONSIDERATIONS

Recover, if possible. Send to authorized disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

Non Flammable product.
Transport temperature: atmospheric.
COMMODITY: Adhesive
UN 1593 – IMO Class III
OUTER PACKING: Fiberboard box
MARRING POLLUTANT: NO
EMS: F-E , S-D
INNER PACKING: sealed metal box with removable head
Type of commodity: Liquid

15. REGULATORY INFORMATION

88/379/EEC (Classification and Labeling):

Xn Harmful

R Phrases:

R36 Irritating to eyes.

S Phrases:

S23 Do not breathe in vapors/aerosols.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29 Do not empty into drains.
S43 In case of fire, use chemical powder, foam or atomized water fire extinguishers.
S51 Use only in well-ventilated areas.
836/37 Wear suitable protective clothing and gloves.

16. OTHER INFORMATION

Main bibliographic sources:

Nostrand Reinold

ACGIH- Threshold Limit Values- 1993/94 edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

Page n. 5 of 5