



## SDS for FARS CHASB shoe manufacturing Adhesive

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

**FARS CHASB Company**  
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**TRADE NAME** FARS CHASB shoe manufacturing adhesive  
**Chemical abstract no.** Mixture  
**NIOSH no.** Unknown  
**Chemical name** Mixture  
**Hazchem code** Unknown  
**Synonyms** None  
**UN no.** 1133 Flammable liquids NOS



### 2. COMPOSITION / INFORMATION OF INGREDIENTS

Ingredient	CAS. No	Approx... %	Hazard classification and risk phrase
Liquid aliphatic light solvent	64742-89-8	Trading patent	unknown
Ethyl acetate	141-78-6	Trading patent	EEC – 607-022-00-5
toluene	108-88-3	Trading patent	EEC – 601-021-00-3
various polymer	----	Trading patent	----
Various resins	-----	Trading patent	-----

### 3-HAZARDS IDENTIFICATION

**Main hazard:** Highly flammable  
**Health effects:** Eyes Irritant to eyes  
**Health effects:** Skin Irritant on skin, degreasing agent and prolonged contact may cause dryness of skin  
**Health effects:** Ingestion Hazardous – may be fatal if swallowed  
**Health effects:** Inhalation Hazardous – vapors cause drowsiness/dizziness, disorientation and/or vertigo  
**Carcinogenicity:** Both NTP and IARC list Benzene as a human carcinogen

### 4. FIRST- AID MEASURES

**Product in eyes.** Remove any contact lenses from the eyes before rinsing thoroughly with plenty of water (lift eye lids). Rinse for at least 15 minutes. Seek medical attention if any discomfort continues  
**Product on skin.** Wash skin with soap and water – do not use solvents! Seek medical attention if irritation persists  
**Product ingested.** Never make an unconscious person vomit or drink fluids. Get the affected person to drink a lot of water in small gulps. Do not induce vomiting. Seek medical attention if discomfort continues  
**Product inhaled** Move to fresh air and seek medical if nausea and dizziness persists. Aspiration into lungs may lead to pneumonitis

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media** Water, dry chemical powder, foam, carbon dioxide or sand  
**Special hazards** In case of fire, hazardous combustion-gases are formed – CO. Toxic vapors may be released. Cool containers exposed to flames with water until well after the fire is out. Vapor accumulation could flash and/or explode if ignited. Under certain conditions of combustion traces of other toxic substances cannot be excluded. Flammable vapors may form explosive mixture with air.  
**Protective clothing** In case of fire, wear respiratory protection such as NIOSH approved breathing equipment



## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** Wear NISOH approved self-contained breathing apparatus. Spill surface may be slippery  
**Environmental precautions** Avoid contamination of ground and water surfaces  
**Small spills** If recovery is not feasible absorb with dry sand, soil or non-reactive absorbent material or coagulate by sprinkling sodium chloride over the spill. If product has dried, scrape off the ground. Place in a container suitable for disposal  
**Large spills** Stop leak if without risk. Ventilate area. Prevent entry into drains or sewers. Clean as per small spills

## 7. HANDLING AND STORAGE

**Suitable material** Steel container lined with polyethylene or polypropylene, polyethylene, PVC containers  
**Storage precautions** Keep product in a sealed container at temperatures between 5 and 30°C. Minimize contact with atmosphere to reduce solvent evaporation. Avoid heat, sparks, open flames and static charge.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering controls** .Provide good ventilation when handling large quantities. No special measures are required if stored and handled as above. Ventilation must be explosive proof  
**Respiratory Protection** .Not required under normal conditions of use in a well-ventilated space  
**Hand Protection** .Rubber gloves should be used if there is a risk of direct contact onto skin  
**Eye Protection** .Safety glasses  
**Skin Protection** .Observe the usual precautions when handling chemicals. Remove soiled or soaked clothing immediately  
**Other Protection** .Wash hands at the end of each work shift and before eating

## 9. PHYSICAL PROPERTIES

**Appearance :** Semi-viscous amber liquid  
**Odor :** Mild odor  
**pH n/a :** un known  
**Boiling point :** Approx. 61°C at 760mmHg  
**Flash point :** <10°C  
**Explosive properties :** None  
**Oxidizing properties :** None  
**Density (g/cm<sup>3</sup> at 20°C) :** Approx. 0.85  
**Solubility water :** Insoluble

## 10. STABILITY AND REACTIVITY

**Conditions to avoid** .Prolonged exposure to air will result in solvent evaporation and gel formation of product. Avoid temperature extremes. below 5°C and above 30°C  
**Incompatible materials** .Organic solvents, strong acids, strong alkalis, salts. Reactive with oxidizing agents  
**Hazardous decomposition products** Carbon Monoxide

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:**

LD50 Dermal	Rabbit	>2000 mg/kg
LD50 Oral	Rat	<200 mg/kg
LC50 Vapor	Rat	<50 mg/l

## 12. ECOLOGICAL INFORMATION

This product has not been tested for environmental effects. Based on its components, this product is unlikely to result in any detrimental ecological effects.

## 13. DISPOSABLE CONSIDERATIONS

**Disposal methods** .Whatever cannot be saved for recovery or recycling should be handled according to current local waste disposal legislation. Do not allow to enter drains or sewers. Do not allow to enter any body of water  
**Disposal of packaging** .Contaminated packaging should be emptied as far as possible and after appropriate cleaning



may be taken for reuse or disposed of in approved facility in accordance with current local legislation

#### 14. TRANSPORT REGULATIONS

<b>UN no</b>		Not regulated
<b>Substance identity no.</b>		Not regulated
<b>Road / rail transport</b>	<b>ADR / RID</b>	Not regulated
<b>Marine Transport</b>	<b>IMDG</b>	Not regulated
<b>Inland waterways</b>	<b>ADNR</b>	Not regulated
<b>Air transport</b>	<b>IATA</b>	Not regulated

#### 15. REGULATORY INFORMATION

<b>EEC hazard classification</b>	Unknown
<b>Risk phrases</b>	R11, R20, R22, R36/37
<b>Safety phrases</b>	S16, S29, S38, S36/37/39
<b>National legislation</b>	n/a

#### 16. OTHER INFORMATION

For intended use and applications see the Technical Data Sheet for the product. The information provided in this Material Safety Data Sheet is based on the present state of our knowledge. This data is intended to enable safety assessments to be made and should not be construed as guaranteeing specific properties. Recipients of our product must take responsibility for observing existing laws and regulations

##### Risk Phrases

R11 Highly flammable.

R20/21 Harmful by inhalation and in contact with skin.

R36 Irritating to eyes.

R38 Irritating to skin.

##### Safety Phrases

S16 Keep away from sources of ignition - No smoking.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

Our advice is based on extensive research and practical experience. However cause of the large variety of materials and the conditions under which our products are applied. We assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.

This document prepared at Fars Chasb Company and included of legal rules you can refer to this document but must write our company as source of document.

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