

# MATERIAL SAFETY DATA SHEET

(MSDS) According to EC Regulation 1907/2006/EEC and Subsequent Amendments

**AKKIM**  
SEALANTS & ADHESIVES

Revision Date and No: 05/10/2010 – RGBF: 306

## EUROFIX RIGID PVC ADHESIVE

### 01 IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

**Trade Name** : EUROFIX RIGID PVC ADHESIVE  
**Company** : Akkim Yapı Kimyasalları San. Tic. ve A.Ş.  
**Address** : Yeşilbayır Mah. Şimşir Sk. No:22 34555 Hadımköy İstanbul - TÜRKİYE  
**Emergency Phone Number** : Tel.: +90 212 771 13 71 (pbx) Fax: +90 212 771 49 39  
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### 02 HAZARDS IDENTIFICATION

#### 2.1 Hazard description:

**Xn** Harmful  
**F** Highly flammable



#### 2.1.1 Information concerning particular hazards for human and environment:

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 11 Highly flammable.

R 20 Harmful by inhalation.

R36 Irritating to eyes.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

#### 2.2 Classification system:

The classification is in line with current EC lists. It is extended, by information from technical literature and company information.

The product highly flammable it is harmful by inhalation and may cause serious damages to health in case of prolonged exposition. It may cause dermatitis and allergy by repeated skin contact. If the liquid comes in contact with lungs, may cause chemical pneumonia.

### 03 COMPOSITION / INFORMATION ON INGREDIENTS

**Description:** Mixture of substances listed below with nonhazardous additions.

Ingredients	CAS No.	EINECS No.	Conc. (% w/w)	Classification
Cyclohexanone	108-94-1	203-631-1	10-40%	F; R10 Xn; R20
Methyl Ethyl Ketone	78-93-3	201-159-0	10-40%	F; R11 Xi; R36-R66

### 04 FIRST AID MEASURES

#### 4.1 General information:

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 the accident.

**4.2 After inhalation:** Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.

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**4.3 After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**4.4 After eye contact:** Rinse opened eye for at least 15 minutes under running water. Consult a doctor.

**4.5 After swallowing:** If symptoms persist consult doctor.

## 05 FIRE FIGHTING MEASURES

**5.1 Protective equipment:** Mount respiratory protective device and wear protective equipment.

**5.2 Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

**5.3 For safety reasons unsuitable extinguishing agents:** Water with full jet.

## 06 ACCIDENTAL RELEASE MEASURES

**6.1 Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.

**6.2 Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.

**6.3 Measures for cleaning/collecting:** Dispose contaminated material as waste according to item 13.

- Ensure adequate ventilation.
- Do not flush with water or aqueous cleansing agents.

## 07 HANDLING AND STORAGE

**7.1 Handling:**

**7.1.1 Information for safe handling:** Use only in well ventilated areas.

**7.1.2 Information about fire - and explosion protection:** No special measures required.

**7.2 Storage:**

**7.2.1 Requirements to be met by storerooms and receptacles:** No special requirements.

**7.2.2 Information about storage in one common storage facility:** Not required.

**7.2.3 Further information about storage conditions:** None.

## 08 EXPOSURE CONTROLS / PERSONAL PROTECTION

**8.1 Personal protection equipment:**

- General protective and hygiene measures
- Take care for sufficient ventilation or exhaust on the workshop place
- Avoid contact with eyes and skin
- Use barrier skin cream
- Remove soiled or soaked clothing immediately
- Do not eat, drink or smoke during work time
- Wash hands before breaks and after work

**8.2 Hand protection:**

- Butyl rubber/nitrile rubber gloves

**8.3 Eye protection:**

- Safety glasses

## 09 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 General information

**Form** : Viscous liquid  
**Odour** : Characteristic  
**Colour** : Light Yellow

### 9.2 Important health, safety and environmental information

**Boiling Range** : 64-110 C

**Flash Point** : ca -22 C

**Viscosity** : 1700± 300 cps (20 C )

**Danger of explosion** : Product is not explosive. However, formation of explosive air/vapour mixtures is possible.

**Solubility in / Miscibility with water** : Not miscible or difficult to mix.

## 10 STABILITY AND REACTIVITY

### 10.1 Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

### 10.2 Dangerous reactions:

No dangerous reactions known.

### 10.3 Dangerous decomposition products:

No dangerous decomposition products known at room temperature.

## 11 TOXICOLOGICAL INFORMATION

### 11.1 Toxicity

#### 11.1.1 Primary irritant effect

**11.1.2 On the skin:** Irritant to skin and mucous membranes.

**11.1.3 On the eye:** Irritating effect.

**11.1.4 Sensitization:** May cause irritation to the respiratory system . Solvent vapours are hazardous and may cause nausea , sickness and headaches. Drowsiness , dizziness , disorientations, vertigo . Unconsciousness.

### 11.2 Additional toxicological information

Vapours if inhaled in high concentration may have narcotic effects; prolonged or repeated contacts may cause irritation to the skin and give sensitization , risk of reduction of human fertility.

## 12 ECOLOGICAL INFORMATION

### 12.1 General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even small quantities leak into the ground.

## 13 DISPOSAL CONSIDERATIONS

**13.1 Recommendation:** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

**Attention:** Cured foam can only be removed mechanically. Cured foam is chemically inert and therefore can be disposed of together with household garbage.

### 13.2 Unclean packaging

**13.2.1 Recommendation:** Disposal must be made according to official regulations.

Dispose of in accordance with local authority requirements.

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## 14 TRANSPORT INFORMATION

### Land transport ADR/RID (cross-border)

ADR/RID class : 3  
UN-Number : 1133  
Packaging group : II  
Hazard label : 3  
Description of goods : ADHESIVE

### Maritime transport IMDG

IMDG Class : 3  
UN Number : 1133  
Label : 3  
Packaging group : II  
Marine pollutant : No  
Proper shipping name : ADHESIVE

### Air transport ICAO-TI and IATA-DGR

ICAO/IATA Class : 3  
UN/ID Number : 1133  
Label : 3  
Packaging group : II  
Proper shipping name : ADHESIVE

## 15 REGULATORY INFORMATION

### 15.1 Risk Phrases:

R-11 : Highly flammable  
R-20 : Harmful by inhalation  
R-36/37 : Irritant to eyes and respiratory  
R-38 : Irritating to skin  
R48/20 : Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R65 : Harmful: may cause lung damage if swallowed.  
R66 : Repeated exposure may cause skin dryness or cracking.

### 15.2 Safety Phrases

S-9 : Keep out of the reach of children  
S-9 : Keep container in a well ventilated place  
S-16: Keep away from source of ignition. No smoking  
S-23 : Do not breath vapours  
S-25 : Avoid contact with eyes  
S-33 : Take precautionary measures against static discharges

## 16 OTHER INFORMATION

All information and instructions provided in this Safety Data Sheet (MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS. The company supplying entity shall not be held responsible for any defect in the product covered by this MSDS, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge.

**Department issuing MSDS:** Product safety department.

**Contact:** Product safety department [info@akkim.net](mailto:info@akkim.net)