

# Material Safet Data Sheet

MSDS/MII/0067-125  
November 2014

Revised December 2014



# TCR POLİMER

## 1-PRODUCT IDENTIFICATION

**Product Name** : TCR POL SA 500  
**Chemical Name** : Styren Acrylic Emulsion  
**Product Code** : SA 500

### Company Identification

**Name** : TCR POLİMER SAN. VE TİC. A.Ş  
**Full Adress** : 3. O.S.B. 83325 nolu CAD. NO: 16  
GAZİANTEP  
TÜRKİYE  
**E-mail adress of the competent person responsible for MSDS** : infol@tcrpolimer.com.tr  
**For emergency call** : +90 342 337 8686

## 2-HAZARDOUS COMPOSITION INFORMATION

### 2.1. Classification of the substance or mixture.

The product is not classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements).

However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to EC Regulation 1907/2006 and subsequent amendments.

### 2.2. Label elements.

This product is not subject to hazard labeling pursuant to Directives 67/548/EEC and 1999/45/EC and subsequent amendments and supplements.

Warning symbols: None.  
Hazard sentences (R): None.  
Caution recommendations (S): None.  
Safety data sheet available upon request for professional users.

### 2.3. Other hazards.

Information not available.

## 3-COMPOSITION OF INGREDIENTS

The product is not classified as hazardous pursuant to directives 67/548/EEC and 1999/45/EC directives and subsequent amendments and upgrades and does not contain substances classified as being hazardous to human health or the environment pursuant to 67/548/EEC and subsequent substances.

This product complies with REACH legislation EC 1907/2006. Preregistrations have been completed as required for the substances above the lower limit of tonnage. In accordance with EC/1907/2006 articles 31 and 32 only the hazardous substances need to be communicated to the downstreams users.

## 4-FIRST AID MEASURES

### 4.1. Description of first aid measures.

**EYES:** Irrigate copiously with clean, fresh water for at least 15 minutes. Seek medical advice.  
**SKIN:** Wash immediately with plenty of water. Remove contaminated clothing. If irritation persists, seek medical attention. Wash contaminated clothing before using them again.  
**INHALATION:** Remove to open air. If breathing is irregular, seek medical advice.  
**INGESTION:** Obtain immediate medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

**4.2. Most important symptoms and effects, both acute and delayed.**  
For symptoms and effects caused by the contained substances see chap. 11.

**4.3. Indication of any immediate medical attention and special treatment needed.**  
Follow doctor's orders.

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## 5-FIRE FIGHTING MEASURES

### 5.1. Extinguishing media.

#### SUITABLE EXTINGUISHING MEDIA

The extinction equipment should be of the conventional kind: carbon dioxide, foam, powder and nebulised water.

#### EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

None in particular.

### 5.2. Special hazards arising from the substance or mixture.

#### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

## 6-ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Use breathing equipment if fumes or powders are released into the air.

### ENVIRONMENTAL PRECAUTIONS

The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

### METHODS FOR CLEANING UP

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material

## 7-HANDLING AND STORAGE

### 7.1. Precautions for safe handling.

Store in closed, labelled containers.

### 7.2. Conditions for safe storage, including any incompatibilities.

Normal storage conditions without particular incompatibilities.

### 7.3. Specific end use(s).

Information not available.

## 8-EXPOSURE CONTROL / PERSONAL PROTECTION

### 8.1. Control parameters.

Information not available.

### 8.2. Exposure controls.

As the use of adequate technical equipment must always take priority over personal protection equipment, make sure that the workplace is well aired through effective local aspiration or bad air vent.

#### HAND PROTECTION

Protect hands with category I (ref. Directive 89/686/EEC and standard EN 374) work gloves, such as those in latex, PVC or equivalent. The following should be considered when choosing work glove material: degradation, breakage times and permeation. Work glove resistance to preparations should be checked before use, as it can be unpredictable. Gloves' limit depends on the duration of exposure.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (ref. Directive 89/686/CEE and standard EN 344). Wash body with soap and water after removing overalls.

#### RESPIRATORY PROTECTION

If the threshold value for one or more of the substances present in the preparation for daily exposure in the workplace or to a fraction established by the company's prevention and protection service is exceeded, wear a mask with an B or universal filter, the class (1, 2 or 3) of which must be chosen according to the limit concentration of use (ref. standard EN 141).

The use of breathing protection equipment, such as masks with organic vapour and dust/mist cartridges, is necessary in the absence of technical measures limiting worker exposure. The protection provided by masks is in any case limited.

If the substance in question is odourless or its olfactory threshold is higher than the relative exposure limit and in the event of an emergency, or when exposure levels are unknown or the concentration of oxygen in the workplace is less than 17% volume, wear self-contained, open-circuit compressed air breathing apparatus (ref. standard EN 137) or fresh air hose breathing apparatus for use with full face mask, half mask or mouthpiece (ref. standard EN 138).

#### EYE PROTECTION

Use of protective airtight goggles (ref. standard EN 166) recommended.

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## 9-PHYSICAL AND CHEMICAL POPERTIES

<b>Appearance</b>	: Liquid
<b>Boiling Point@760mmHg</b>	:
<b>Colour</b>	: White
<b>Odour</b>	: Slight
<b>Ph</b>	: 7-9
<b>Physical Condition</b>	: Liquid
<b>Solubility in Water</b>	: Yes
<b>Specific Gravity</b>	: 1,02 gr/cm <sup>3</sup>
<b>% VOC</b>	: none
<b>Viscosity (LVT 4/6 25 C)</b>	: 8000– 12000 cps

## 10-STABILITY AND REACTIVITY

### 10.1. Reactivity.

There are no particular risks of reaction with other substances in normal conditions of use.

### 10.2. Chemical stability.

The product is stable in normal conditions of use and storage.

### 10.3. Possibility of hazardous reactions.

No hazardous reactions are foreseeable in normal conditions of use and storage.

### 10.4. Conditions to avoid.

None in particular, however the usual precautions used for chemical products should be respected.

### 10.5. Incompatible materials.

Information not available.

### 10.6. Hazardous decomposition products.

In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

## 11-TOXICOLOGICAL INFORMATION

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This product may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

### 11.1. Information on toxicological effects.

LD50 (Dermal/oral, rat) >5000 mg/kg.

## 12-ECOLOGICAL INFORMATION

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

**WGK (Water Risk Class) : 1**

## 13-DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods.

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

#### CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## 14-TRANSPORTATION INFORMATIONS

This product is not danderous under current provisions of the Code of International Carriage of Dangerous Goods by Road ( ADR ) and by rail ( RID ) , of the International Maritime Dangerous Goods Code ( IMDG ) , and of International Air Transport Association ( IATA ) regulations.

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## 15-REGULATORY INFORMATIONS

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.

Seveso category. None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.

None.

Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorisation (Annex XIV REACH).

None.

Healthcare controls.

Information not available.

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

## 16-OTHER INFORMATIONS

Text of risk (R) phrases mentioned in section 2-3 of the sheet:

R52/53 HARMFUL TO AQUATIC ORGANISMS, MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

### GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
3. Regulation (EC) 1907/2006 (REACH) of the European Parliament
4. Regulation (EC) 1272/2008 (CLP) of the European Parliament
5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. The Merck Index. - 10th Edition
8. Handling Chemical Safety
9. Niosh - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique (toxicological sheet)
11. Patty - Industrial Hygiene and Toxicology
12. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product

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This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

This product is not subjected to hazard labelling under the 67/548/EEC and 1999/45/EC directives and following amendments and adjustments.