

## Safety Data Sheet

This safety data sheet is prepared according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

5.01 SDS - Rev :01  
Date of Print: 02.01.2022

**PRODUCT:** Polymera Ms

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### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

**Polymera MS, MS Polymer Based Liquid Membrane**

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Product for construction chemicals.

#### 1.3. Details of the supplier of the safety data sheet

**FIXA YAPI KİMYASALLARI SAN. ve TİC. LTD. ŞTİ.**

Firuzköy Mah. Aziz Cad. No 16 Avcılar –İstanbul

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#### 1.4. Emergency telephone number

Telephone: +90 212 428 62 83

### 2. HAZARDS IDENTIFICATION

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

Skin Irrit. 2: Skin irritation, Category 2, H315

Eye Dam. 1: Serious eye damage, Category 1, H318

#### 2.2. Label elements

According to Regulation (EC) No 1272/2008 [CLP]

Pictogram:



GHS07

Signal word: Danger

#### Hazard Statements

H315: Causes skin irritation.

H318: Causes serious eyes damage.

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### Precautionary Statements

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P280 : Wear protective gloves / eye protection / face protection.

P310 : Immediately call a POISON CENTER / doctor.

P261 : Avoid breathing dust.

P403+P233 : Store in a well-ventilated area. Keep container tightly closed.

P501 : Dispose of contents according to national regulations.

### 2.3. Other Hazards

No additional information available

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| 3.1.Mixture                                    |           |           |       | (EC) Regulation<br>1272/2008 (CLP)       |
|------------------------------------------------|-----------|-----------|-------|------------------------------------------|
| Composition                                    | Cas No    | EC No     | %     |                                          |
| Tritmethoxy Vinly Silane                       | 2768-02-7 | 220-449-8 | < 2,5 | Skin Irrit. 2 – H315<br>Eye dam.2 – H319 |
| 3-(2-Aminoethylamino) Propyl Trimethoxy Silane | 1760-24-3 | 217-164-6 | < 1   | Eye Dam. 1: H318, H413                   |

*\*For the classifications not written out in full in this section, including the indication of danger, the hazard symbols and the hazard statements, the full text is listed in section 16.*

## 4. FIRST-AID MEASURES

### 4.1. Description of first aid measures

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

#### 4.1.1. If inhaled

Remove patient to fresh air. If difficulties occur: Obtain medical attention.

#### 4.1.2. On skin contact

After contact with skin, wash immediately with plenty of water and soap. If irritation develops, seek medical attention.

#### 4.1.3. On contact with eyes

Immediately, wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

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### 4.1.4. On ingestion

Do not induce vomiting unless told to by a poison control center or doctor. Never make an unconscious person vomit or drink fluids! Rinse mouth thoroughly. Promptly get affected personnel to drink large volumes of water to dilute the swallowed chemical. Seek medical attention and show the label or the safety data sheet of product to doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

See section 2 and 11.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

Product itself is non-combustible. Only the packaging materials can catch fire. The extinguishing agents normally used are sufficient. Primarily, it is recommended to extinguish with water. Also according to fire condition and the causes of the fire exit, conventional extinguisher equipment with carbon dioxide, dry powder, water vapor and foam can be used.

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

Product is not combustible or explosive. No particular hazards known. In case of a fire, avoid inhalation of combustion products.

### 5.3. Advice for fire-fighters

Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Protective helmet with visor, fireproof clothes, protective gloves (dielectric and fireproof), face mask which covers fire-fighter's face completely and in case of very large amounts of smoke, use a clean air breathing apparatus (tube and mask).

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## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid subsoil penetration. Avoid contact with skin and eyes. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

### 6.2. Environmental precautions

Do not discharge into drains/surface waters/groundwater. Follow the official and local regulation rules.

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### 6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

### 6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Observe good industrial safety and hygiene practice. Keep in original container. Protect container from physical damage. Protect against freezing. Protection against fire and explosion is n.a. Store between +5°C and 40°C.

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

Further information on storage conditions: Containers should be stored tightly sealed in a dry place.

### 7.3. Specific end use(s)

For specific end use information contact with the company stated in section 1.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Components with occupational exposure limits:

The values and other data of TRGS 900 (Germany) must be observed. 50-00-0: formaldehyde...%. There is no available data.

### 8.2. Exposure controls

#### Respiratory protection

No particular ventilation requirements.

#### Eye protection

Provide the eyewash station. Tightly fitting safety goggles (splash goggles). (e.g. EN 166)

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### Hand protection

Nitrile coated cotton gloves. (e.g. EN 388, 374) (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) etc. Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

### Body protection

Body protection must be chosen based on level of activity and exposure, light protective clothing.

### General safety and hygiene measures

Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts and vapors. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). Contaminated equipment or clothing should be cleaned after each use or disposed of. Do not smoke in working area!

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

|                                              |                     |
|----------------------------------------------|---------------------|
| Appearance                                   | : Paste.            |
| Colour                                       | : Grey              |
| Odour                                        | : Odourless         |
| Melting point                                | : No data available |
| Boiling point                                | : No data available |
| Flash point                                  | : No data available |
| Flammability                                 | : Not determined    |
| Upper/lower flammability or explosive limits | : No data available |
| Vapor pressure                               | : No data available |
| Relative density                             | : No data available |
| Solubility(ies)                              | : Miscible in water |
| Partition coefficient: n-octanol/water       | : No data available |
| Auto-ignition temperature                    | : No data available |

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|                                  |                     |
|----------------------------------|---------------------|
| <b>Decomposition temperature</b> | : No data available |
| <b>Specific Gravity</b>          | : 1,47 kg /lt       |
| <b>Explosion properties</b>      | : Not explosive     |

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### 10. STABILITY AND REACTIVITY

#### 10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

#### 10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

#### 10.3. Possibility of hazardous reactions

The product is stable if stored and handled as prescribed/indicated.

#### 10.4. Conditions to avoid

See section 7 “Handling and Storage” of the safety data sheet.

#### 10.5. Incompatible materials

Avoid contact with acids and oxidising substances.

#### 10.6. Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

### 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

##### Acute toxicity

Virtually nontoxic after a single ingestion, after a single skin contact and by inhalation. (\*/\*\*)

##### Skin irritation

Skin contact causes irritation. (\*/\*\*)

##### Eyes damage/ irritation

May cause severe damage to the eyes. (\*/\*\*)

##### Remark

\*Information on: Other chemicals.

##### Respiratory/Skin sensitization

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There is no evidence of a skin-sensitizing potential. (\*\*)

### **Germ cell mutagenicity**

The chemical structure does not suggest a specific alert for such an effect. Based on available data, the classification criteria are not met.

### **Carcinogenicity**

The chemical structure does not suggest a specific alert for such an effect. Based on available data, the classification criteria are not met.

### **Reproductive toxicity**

The chemical structure does not suggest a specific alert for such an effect. Based on available data, the classification criteria are not met. (\*\*)

### **Specific target organ toxicity (single exposure)**

Causes temporary irritation of the respiratory tract. (\*\*)

### **Repeated dose toxicity and Specific target organ toxicity (repeated exposure)**

No reliable data was available concerning repeated dose toxicity. Based on available data, the classification criteria are not met. (\*\*)

#### Remark

*\*\* The product has not been tested. The statements above have been derived from the properties of the individual components. May cause sensitization to susceptible persons.*

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## **12. ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

There is a high probability that the product is not acutely harmful to aquatic organisms. The product gives rise to pH shifts. Based on available data, the classification criteria are not met.

### **12.2. Persistence and degradability**

#### **Biodegradation and elimination (H<sub>2</sub>O)**

Inorganic product which cannot to be eliminated from water by biological purification processes. The product is slightly soluble in water. It can be largely eliminated from the water by abiotic processes, e.g. mechanical separation. Experience shows this product to be inert and non-degradable.

#### **Elimination information**

Not applicable

### **12.3. Bioaccumulative potential**

The product will not be readily bioavailable due to its consistency and insolubility in water.

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### 12.4. Mobility in soil

The substance will not evaporate into the atmosphere from the water surface. Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.

### 12.5. Results of PBT and vPvB assessment

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

### 12.6. Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer. Generally, not regarded as dangerous for the environment.

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## 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Observe national and local legal requirements. Do not discharge product into the environment without control. Residues should be disposed of in the same manner as the substance/product. Always observe the danger signals. Completely emptied packagings can be given for recycling.

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## 14. TRANSPORT INFORMATION

The product is not classified as a dangerous good according to transport regulation of land (ADR), railway (RID), inland waterway (ADN), seaway (IMDG), and airway (IATA/ICAO).

### For ADR, RID, AND, IMDG and IATA/ ICAO transports

|                             |                  |
|-----------------------------|------------------|
| UN Number                   | : Not applicable |
| UN proper shipping name:    | : Not applicable |
| Transport hazard class(es): | : Not applicable |

|                              |                  |
|------------------------------|------------------|
| Packing group:               | : Not applicable |
| Environmental hazards:       | : Not applicable |
| Special precautions for user | : None known     |

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**  
Not evaluated.



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### 15. REGULATORY INFORMATION

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

This safety data sheet is prepared according to Regulation (EC) No: 1907/2006.

Labelling and packaging are prepared according to Regulation (EC) No: 1272/2008 [CLP].

Substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

### 16. OTHER INFORMATION

This safety data sheet is prepared according to Regulation (EC) No: 1907/2006.

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

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H318: Causes serious eyes damage.

#### Precautionary Statements

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P501 : Dispose of contents according to national regulations.

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