# SAFETY DATA SHEET
# ZEMİN BOYASI

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.
Commission Regulation (EU) 2020/878 of 18 June 2020.

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product name** ZEMİN BOYASI

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

**Maddenin/karışımın kullanımı**

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

**Supplier**

POLİSAN KANSAI BOYA SAN. VE TİC. A.Ş.
Demirciler Osb. Mh. Refik Baydur Cd. No:7/3 Dilovası - KOCAELİ
TURKIYE
www.kansaipolisan.com.tr
+90 262 679 60 00
+90 262 606 03 70
info@kansaipolisan.com

**Contact person** OHS DEPARTMENT

### 1.4. Emergency telephone number

**Emergency telephone** POLISAN KANSAI BOYA SAN. TİC. A.Ş. : +90 262 679 73 45

# ZEMİN BOYASI

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification (SI 2019 No. 720)**

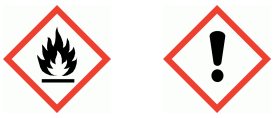
| | |
|---|---|
| **Physical hazards** | Flam. Liq. 3 - H226 |
| **Health hazards** | Skin Irrit. 2 - H315 STOT SE 3 - H336 |
| **Environmental hazards** | Not Classified |

**Classification (Regulation (EC) No. 1272/2008 CLP).**

**Zararlı fizikokimyasal etkiler ve insan sağlığı ile çevre üzerindeki olumsuz etkileri**

### 2.2. Label elements

**Hazard pictograms**



| | |
|---|---|
| **Signal word** | Warning |
| **Hazard statements** | H226 Flammable liquid and vapour.<br>H315 Causes skin irritation.<br>H336 May cause drowsiness or dizziness. |
| **Precautionary statements** | P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>P240 Ground and bond container and receiving equipment.<br>P241 Use explosion-proof electrical equipment.<br>P242 Use non-sparking tools.<br>P243 Take action to prevent static discharges.<br>P261 Avoid breathing vapour/ spray.<br>P264 Wash contaminated skin thoroughly after handling.<br>P271 Use only outdoors or in a well-ventilated area.<br>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.<br>P302+P352 IF ON SKIN: Wash with plenty of water.<br>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.<br>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P312 Call a POISON CENTRE/doctor if you feel unwell.<br>P321 Specific treatment (see medical advice on this label).<br>P332+P313 If skin irritation occurs: Get medical advice/ attention.<br>P362+P364 Take off contaminated clothing and wash it before reuse.<br>P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.<br>P403+P233 Store in a well-ventilated place. Keep container tightly closed.<br>P403+P235 Store in a well-ventilated place. Keep cool.<br>P405 Store locked up.<br>P501 Dispose of contents/ container in accordance with national regulations. |

**Dokunsal uyarı**

**Çocuk emniyetli sabitleme**

### 2.3. Other hazards

**Sınıflandırmaya katkıda bulunmayan diğer zararlılıklar**

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

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| **xylene** | **10-20%** |
|---|---|
| CAS number: 1330-20-7 | EC number: 215-535-7 |

**Classification**
Flam. Liq. 3 - H226
Acute Tox. 4 - H312
Acute Tox. 4 - H332
Skin Irrit. 2 - H315

| **Butyl acetate** | **10-20%** |
|---|---|
| CAS number: 123-86-4 | EC number: 204-658-1 |

**Classification**
Flam. Liq. 3 - H226
STOT SE 3 - H336

The full text for all hazard statements is displayed in Section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**General information** Move affected person to fresh air at once. If in doubt, get medical attention promptly. Get medical attention if symptoms are severe or persist. Never give anything by mouth to an unconscious person. Show this Safety Data Sheet to the medical personnel.

**Inhalation** Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

**Ingestion** DO NOT induce vomiting. Get medical attention immediately.

**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

**Eye contact** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Rinse with water. Get medical attention if any discomfort continues.

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

**Inhalation** Difficulty in breathing.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Harmful to health in contact with skin.

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

**Notes for the doctor** No specific recommendations. If in doubt, get medical attention promptly.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

**Unsuitable extinguishing media** Water jet.

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

**Specific hazards** A dense black smoke may form at the end of the fire. The resulting gases, fumes, as a result of combustion can create health hazards. Firefighters must use positive pressure breathing apparatus against these products. Heat-exposed packages should be chilled with water. Run-off water should not be allowed to mix with sewers or raceway.

**Hazardous combustion products** When heated, vapours/gases hazardous to health may be formed.

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**Patlama tehlikesi**

**5.3. Advice for firefighters**

| | |
|---|---|
| **Protective actions during firefighting** | Avoid breathing fire gases or vapours. |
| **Special protective equipment for firefighters** | Wear chemical protective suit. |

## SECTION 6: Accidental release measures

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

| | |
|---|---|
| **Personal precautions** | Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. |

**Koruyucu donanım**

**Acil durum planları**

**6.2. Environmental precautions**

| | |
|---|---|
| **Environmental precautions** | Avoid discharge into drains or watercourses or onto the ground. Collect and dispose of spillage as indicated in Section 13. Contain spillage with sand, earth or other suitable non-combustible material. |

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

| | |
|---|---|
| **Methods for cleaning up** | Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. |

**Temizlik işlemleri**

**Diğer bilgiler**

**6.4. Reference to other sections**

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

| | |
|---|---|
| **Usage precautions** | Avoid spilling. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Vapours may accumulate on the floor and in low-lying areas. Avoid eating, drinking and smoking when using the product. Avoid inhalation of vapours. The mixture can be electrostatically ignited. It is suitable for use and storage in the environment where Exproof electrical appliances are located. |

**Hijyen ölçütleri**

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

| | |
|---|---|
| **Storage precautions** | Keep away from oxidising materials, heat and flames. Take precautionary measures against static discharges. Store in tightly-closed, original container in a dry, cool and well-ventilated place. |
| **Storage class** | Flammable liquid storage. |

**Ambalaj malzemeleri**

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

| | |
|---|---|
| **Usage description** | Use the product according to its Technical Data Sheet or instructions written on the label. |

## SECTION 8: Exposure controls/Personal protection

**8.1. Control parameters**

**Occupational exposure limits**

**xylene**

Long-term exposure limit (8-hour TWA): WEL 50 ppm 220 mg/m³
Short-term exposure limit (15-minute): WEL 100 ppm 441 mg/m³
Sk, BMGV

**Butyl acetate**

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Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m³
Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m³

WEL = Workplace Exposure Limit.
Sk = Can be absorbed through the skin.
BMGV = Biological monitoring guidance value.

**Methylene Chloride (75-09-2)**
**Türkiye - Mesleki Maruziyet Limitleri**

**Yerel ad**

**OEL TWA**

**OEL STEL**

**Yorumlar**

**Mevzuat referansı**

**Methylene Chloride (75-09-2) - AB - Belirleyici Mesleki Maruz Kalma Sınır Değeri (IOEL)**

### 8.2. Exposure controls

**Protective equipment**



| | |
|---|---|
| **Appropriate engineering controls** | Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients. |
| **Eye/face protection** | Wear chemical splash goggles. |
| **Hand protection** | Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin. It is recommended that gloves are made of the following material: Nitrile rubber. It is recommended that gloves are made of the following material: Neoprene. Wear protective gloves. Rubber (natural, latex). |
| **Other skin and body protection** | AVOID ALL SKIN AND RESPIRATORY CONTACT! Wear antistatic clothing made from natural yarn or high-temperature resistant synthetic yarn. |
| **Hygiene measures** | Do not smoke in work area. |
| **Respiratory protection** | If ventilation is inadequate, suitable respiratory protection must be worn. |
| **Environmental exposure controls** | Look upto Chapter 6 |

## SECTION 9: Physical and chemical properties

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

| | |
|---|---|
| **Odour** | Characteristic. |
| **Initial boiling point and range** | Not available. |
| **Flash point** | 5,5°C Pensky-Martens closed cup. |
| **Upper/lower flammability or explosive limits** | Lower flammable/explosive limit: 1,1 Upper flammable/explosive limit: 12,8 |
| **Bulk density** | 1,52 - 1,60 kg/m³ |

**pH çözeltisi**

**Ayrışma sıcaklığı**

**Patlayıcı sınırlar**

### 9.2. Other information

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** Stable under normal conditions.

### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Oxidising materials.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat, flames and other sources of ignition. A good natural ventilation and if required floor exhaust ventilation must be provided.

### 10.5. Incompatible materials

**Materials to avoid** Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Information on hazard classes as defined in Regulation (EC) No 1272/2008**

**Acute toxicity - dermal**

**ATE dermal (mg/kg)** 5,789.47

**Acute toxicity - inhalation**

**ATE inhalation (gases ppm)** 23,684.21

**ATE inhalation (vapours mg/l)** 57.89

**ATE inhalation (dusts/mists mg/l)** 7.89

**Inhalation** May cause respiratory system irritation. Vapours may cause drowsiness and dizziness.

**Ingestion** There is no information of experimantal datas about product.

**Skin contact** Prolonged or repeated exposure may cause severe irritation.

**Eye contact** May cause eye irritation.

### 11.2 Information on other hazards

**Information on other hazards**

## SECTION 12: Ecological information

**Ecotoxicity** There are no data on the ecotoxicity of this product.

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Persistence and degradability** There is no information about experimantal datas of product

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

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**12.4. Mobility in soil**

**Mobility** There is no information about experimantal datas of product.

**12.5. Results of PBT and vPvB assessment**

**12.6 Endocrine disrupting properties**

**Endocrine disrupting properties**

**12.6. Other adverse effects**

**Other adverse effects** There is no information about experimantal datas of product.

## SECTION 13: Disposal considerations

**13.1. Waste treatment methods**

**General information** Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Treat dirty and empty storage containers as dangerous to fire and the environment. Must be disposed of in accordance with the "Regulations on Hazardous Waste".

**ATIK YÖNETİMİ YÖNETMELİĞİ**

**Ürün/Ambalaj imha tavsiyeleri**

**Ambalaj atık türü**

**Avrupa Atık Listesi (LoW, EC 2000/532)**

**HP kodu**

**R/D kodu (Geri Kazanım/Bertaraf, AB 2008/98)**

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## SECTION 14: Transport information

**Road transport notes** Not regulated.

**Rail transport notes** Not regulated.

**14.1. UN number**

**UN number or ID number**

**UN No. (IMDG)** 1263

**UN No. (ICAO)** 1263

**14.2. UN proper shipping name**

**Proper shipping name (IMDG)** PAINT

**Proper shipping name (ICAO)** PAINT

**14.3. Transport hazard class(es)**

**IMDG class** 3

**ICAO class/division** 3

**Transport labels**




**14.4. Packing group**

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| | |
|---|---|
| **IMDG packing group** | III |
| **ICAO packing group** | III |

**14.5. Environmental hazards**

**Environmentally hazardous substance/marine pollutant**
No.

**14.6. Special precautions for user**

| | |
|---|---|
| **EmS** | F-E, S-E |

**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

| | |
|---|---|
| **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** | Not relevant. |

**Özel Hükümler**

## SECTION 15: Regulatory information

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

| | |
|---|---|
| **EU legislation** | System of specific information relating to Dangerous Preparations. 2001/58/EC. |

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**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

## SECTION 16: Other information

| | |
|---|---|
| **General information** | This safety data sheet information was prepared as a requirement of Chemical Substances Regulations. Special conditions, the supplier of the product are beyond our control utilization, the consumer is responsible for ensuring mandatories of legislation on the subject. This security information is in the form of interest today are based on the national legislation of the state consists of, health, safety and environmental respects the way. For special cases, technical performance and does not guarantee conformance. Given is based on our present knowledge, however, does not constitute a guarantee for any specific product features and shall not establish a legally valid contract. |
| **Key literature references and sources for data** | This SDS is prepared based on the information received from the raw material supplier. |
| **Revision comments** | NOTE: Lines within the margin indicate significant changes from the previous revision. |
| **Issued by** | Sahra Uzmaner / Certificate No: TÜV/11.212.10 / Date of Validity: 02.11.2028 |
| **Supersedes date** | 05/11/2025 |
| **SDS number** | 23923 |
| **Hazard statements in full** | H226 Flammable liquid and vapour.<br>H312 Harmful in contact with skin.<br>H315 Causes skin irritation.<br>H332 Harmful if inhaled.<br>H336 May cause drowsiness or dizziness. |

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.