FPB.001-11.01

# SAFETY DATA SHEET
# POLIROAD WATER BASED ROAD MARKING PAINT

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** POLIROAD WATER BASED ROAD MARKING PAINT

**Product number** 649

**Container size** 2,5 L, 25 kg

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

**Identified uses** Acrylic resin and water based road line paint.

### 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** Occupational Health and Safety Department

**Manufacturer**
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

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### 1.4. Emergency telephone number

**Emergency telephone** POLISAN KANSAI BOYA SAN. TİC. A.Ş. : +90 262 679 73 45 ULUSAL ZEHIR DANISMA MERKEZI(UZEM):114

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

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

**Physical hazards** Not Classified

**Health hazards** Not Classified

**Environmental hazards** Not Classified

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

### 2.2. Label elements

**Hazard statements** NC Not Classified

### 2.3. Other hazards

## SECTION 3: Composition/information on ingredients

# POLIROAD WATER BASED ROAD MARKING PAINT

### 3.2. Mixtures

| | |
|---|---|
| **titanium dioxide** | **5-10%** |
| CAS number: 13463-67-7 | EC number: 236-675-5 |
| **Classification** | |
| Carc. 2 - H351 | |

| | |
|---|---|
| **ethanol** | **1-5%** |
| CAS number: 64-17-5 | EC number: 200-578-6 |
| **Classification** | |
| Flam. Liq. 2 - H225 | |

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** 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** N/A

**Ingestion** IF SWALLOWED: Get medical attention immediately.

**Skin contact** IF ON SKIN: Wash with plenty of water. Get medical attention if irritation persists after washing.

**Eye contact** IF IN EYES: Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

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

**General information** Treat symptomatically.

### 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** The product is non-combustible.

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

**Specific hazards** Not relevant. Unusual fire or explosion hazards are not noted.

### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** No specific equipment is mandatory.

## SECTION 6: Accidental release measures

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

**Personal precautions** Avoid contact with eyes and prolonged skin contact.

### 6.2. Environmental precautions

**Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.

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

# POLIROAD WATER BASED ROAD MARKING PAINT

**Methods for cleaning up** Clear up spills immediately and dispose of waste safely. Do not discharge into drains or watercourses or onto the ground.

### 6.4. Reference to other sections

**Reference to other sections** For waste disposal, see section 13. For personal protection, see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Provide adequate ventilation.

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

**Storage precautions** Store in tightly-closed, original container. Keep container dry. Store between 5-35 ºC.

### 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**

**titanium dioxide**

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust
Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

**ethanol**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³
WEL = Workplace Exposure Limit.

### 8.2. Exposure controls

**Protective equipment**



**Eye/face protection** Wear chemical splash goggles.

**Hand protection** Wear protective gloves.

**Other skin and body protection** Wear apron or protective clothing in case of contact.

**Hygiene measures** Provide eyewash station. When using do not eat, drink or smoke.

**Respiratory protection** No specific recommendations.

## SECTION 9: Physical and chemical properties

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

**pH** pH (concentrated solution): 9.60-10.20

**Relative density** 1.54-1.58 g/cm3

**Partition coefficient** No information available.

**Viscosity** 80-90 KU @ 25°C

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** Stable under normal conditions.

### 10.2. Chemical stability

# POLIROAD WATER BASED ROAD MARKING PAINT

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

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Not relevant. Will not polymerise.

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid freezing.

### 10.5. Incompatible materials

**Materials to avoid** No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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

**General information** No specific health hazards known.

**Inhalation** No specific health hazards known.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** No specific health hazards known.

**Eye contact** May cause temporary eye irritation.

**Acute and chronic health hazards** May cause discomfort.

**Medical symptoms** May cause discomfort if swallowed.

**Medical considerations** No information available.

### 11.2 Information on other hazards

**Information on other hazards**

## SECTION 12: Ecological information

### 12.1. Toxicity

**Toxicity** There are no known harmful effects to the environment.

### 12.2. Persistence and degradability

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** There is no information about experimantal datas of product

**Partition coefficient** No information available.

### 12.4. Mobility in soil

**Mobility** Not considered mobile.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6 Endocrine disrupting properties

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**Endocrine disrupting properties**

### 12.6. Other adverse effects

**Other adverse effects** No information required.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Waste should be treated as controlled waste. Dispose of waste product or used containers in accordance with local regulations

**Disposal methods** Contact supplier for disposal information.

## SECTION 14: Transport information

### 14.1. UN number

**UN number or ID number**

Not relevant.

### 14.2. UN proper shipping name

Not relevant.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not relevant.

### 14.5. Environmental hazards

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

### 14.6. Special precautions for user

Not relevant.

### 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.

## SECTION 15: Regulatory information

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

**EU legislation** According to Regulation EC no: 1272/2008

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### 15.2. Chemical safety assessment

## SECTION 16: Other information

**Issued by** Sahra Uzmaner / Certificate No: TÜV/11.212.10 / Date of Validity: 02.11.2028

**Revision date** 26/12/2023

**Revision** 04

**Supersedes date** 18/05/2016

**SDS number** 20465

**Hazard statements in full** H225 Highly flammable liquid and vapour.

# POLIROAD WATER BASED ROAD MARKING PAINT

**Signature** Sahra Uzmaner / Certificate No: TÜV/11.212.10 / Date of Validity: 02.11.2028