FPB.001-11.01

# SAFETY DATA SHEET
# POLİMETAL DÜZ

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** POLİMETAL DÜZ

**Product number** 467

**Container size** 0.75 L, 2.5 L

**Description** It is a top coat paint applied directly on metal.

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

**Identified uses** Such as structural steel, pig iron, machinery, garden furniture and benches, elevators, iron railings
It is used for painting metal and galvanized metals. Special look to wood and metal
It can also be used to earn.

### 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

**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
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+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

## 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 Repr. 2 - H361d

**Environmental hazards** Aquatic Chronic 3 - H412

**Human health** Vapours and spray/mists in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting.

**Environmental** The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment. See Section 12 for additional information on ecological hazards.

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**Physicochemical** Flammable.

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

**2.2. Label elements**

**Hazard pictograms**



**Signal word** Warning

**Hazard statements**

EUH208 Contains ETHYL METHYL KETOXIME. May produce an allergic reaction.
H226 Flammable liquid and vapour.
H315 Causes skin irritation.
H361d Suspected of damaging the unborn child.
H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements**

P102 Keep out of reach of children.
P101 If medical advice is needed, have product container or label at hand.
P103 Read label before use.
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P264 Wash contaminated skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.

**Contains** SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA(NOTE P)

**2.3. Other hazards**

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

**3.2. Mixtures**

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| SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA(NOTE P) | 10-20% |
|---|---|
| CAS number: 64742-95-6 | EC number: 265-199-0 |

**Classification**
Flam. Liq. 1 - H224
Skin Irrit. 2 - H315
Repr. 2 - H361d
STOT SE 3 - H335, H336
STOT SE 3 - H336
Asp. Tox. 1 - H304
Aquatic Chronic 2 - H411

| xylene | 1-5% |
|---|---|
| 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

| ETHYL METHYL KETOXIME | <1% |
|---|---|
| CAS number: 96-29-7 | EC number: 202-496-6 |

**Classification**
Acute Tox. 4 - H312
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Carc. 2 - H351

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. Get medical attention if any discomfort continues.

**Inhalation** Move affected person to fresh air at once. Get medical attention. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

**Ingestion** Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

**Skin contact** Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.

**Eye contact** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

**General information** In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**Inhalation** Vapours may cause headache, fatigue, dizziness and nausea.

**Ingestion** No specific symptoms known.

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**Skin contact** No specific symptoms known.

**Eye contact** May cause irritation to eyes.

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

**Notes for the doctor** Treat according to instructions. .

**Specific treatments** No data available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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

**Unsuitable extinguishing media** Water jet.

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

**Specific hazards** Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³. Carbon monoxide (CO). Carbon dioxide (CO2). Containers can burst violently or explode when heated, due to excessive pressure build-up.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO2). Carbon monoxide (CO).

### 5.3. Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapours and contact with skin and eyes. In case of spills, beware of slippery floors and surfaces.

**For non-emergency personnel** No data available.

**For emergency responders** No data available.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.

### 6.4. Reference to other sections

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

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Keep away from heat, sparks and open flame. Good personal hygiene procedures should be implemented.

**Advice on general occupational hygiene** Take off contaminated clothing. Good personal hygiene procedures should be implemented.

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

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**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container. Avoid contact with oxidising agents. Acids. Alkalis.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

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

**Ingredient comments** WEL = Workplace Exposure Limits

### 8.2. Exposure controls

**Protective equipment**



**Appropriate engineering controls** Provide adequate general and local exhaust ventilation.

**Personal protection** Use the personal protective equipments showed above.

**Eye/face protection** The following protection should be worn: Chemical splash goggles.

**Hand protection** Use protective gloves.

**Other skin and body protection** Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

**Hygiene measures** Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

**Respiratory protection** No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

## SECTION 9: Physical and chemical properties

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

**Appearance** Viscous liquid.

**Odour** Organic solvents.

**Flash point** > 38°C Pensky-Martens closed cup.

**Viscosity** 95-105 KU (25 °C)

### 9.2. Other information

**Other information** No information.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** Stable under normal conditions.

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### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid contact with the following materials: Acids. Oxidising agents.

### 10.5. Incompatible materials

**Materials to avoid** Flammable/combustible materials.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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

**Toxicological effects** No information available.

**Acute toxicity - dermal**

**ATE dermal (mg/kg)** 24,076.34

**Acute toxicity - inhalation**

**ATE inhalation (gases ppm)** 98,494.13

**ATE inhalation (vapours mg/l)** 240.76

**ATE inhalation (dusts/mists mg/l)** 32.83

**Inhalation** Prolonged inhalation of high concentrations may damage respiratory system.

**Ingestion** Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

**Skin contact** Product has a defatting effect on skin. May cause allergic contact eczema. Prolonged or repeated exposure may cause severe irritation.

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

**Target organs** Skin Eyes Respiratory system, lungs

### 11.2 Information on other hazards

**Information on other hazards**

## SECTION 12: Ecological information

**Ecotoxicity** Dangerous for the environment. May cause long-term adverse effects in the aquatic environment.

### 12.1. Toxicity

**Toxicity** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability** The product is not readily biodegradable.

### 12.3. Bioaccumulative potential

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

### 12.4. Mobility in soil

**Mobility** The product is insoluble in water and will spread on the water surface.

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### 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**

**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 to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. ■ According to the European Waste Catalogue, Waste Codes are not product specific but
application specific. Waste Codes should be assigned by the User based on the application in which the product is used. 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". ● Consult manufacturer for recycling options or consult local or regional waste management
authority for disposal if no suitable treatment or disposal facility can be identified. ● Dispose of by: Burial in a licenced land-fill or incineration in a licenced apparatus (after
admixture with suitable combustible material).

## SECTION 14: Transport information

### 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)

**ADR/RID classification code** F1

**IMDG class** 3

**ICAO class/division** 3

**Transport labels**




### 14.4. Packing group

**IMDG packing group** III

**ICAO packing group** III

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

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### 14.6. Special precautions for user

| | |
|---|---|
| **EmS** | F-E, S-E |
| **ADR transport category** | 3 |
| **Emergency Action Code** | 3Y |
| **Hazard Identification Number (ADR/RID)** | 30 |
| **Tunnel restriction code** | (D/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. |

## SECTION 15: Regulatory information

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

| | |
|---|---|
| **Guidance** | Workplace Exposure Limits EH40.<br>Introduction to Local Exhaust Ventilation HS(G)37.<br>CHIP for everyone HSG228.<br>Approved Classification and Labelling Guide (Sixth edition) L131. |

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### 15.2. Chemical safety assessment

## 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. |
| **Issued by** | Sahra Uzmaner / Certificate No: TÜV/11.212.10 / Date of Validity: 02.11.2028 |
| **Revision date** | 28/12/2023 |
| **Revision** | 05 |
| **Supersedes date** | 03/03/2016 |
| **SDS number** | 10309 |

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| | |
|---|---|
| **Hazard statements in full** | H224 Extremely flammable liquid and vapour.<br>H226 Flammable liquid and vapour.<br>H304 May be fatal if swallowed and enters airways.<br>H312 Harmful in contact with skin.<br>H315 Causes skin irritation.<br>H317 May cause an allergic skin reaction.<br>H318 Causes serious eye damage.<br>H332 Harmful if inhaled.<br>H335 May cause respiratory irritation.<br>H336 May cause drowsiness or dizziness.<br>H336 May cause drowsiness or dizziness.<br>H351 Suspected of causing cancer.<br>H361d Suspected of damaging the unborn child.<br>H411 Toxic to aquatic life with long lasting effects.<br>H412 Harmful to aquatic life with long lasting effects.<br>EUH208 Contains ETHYL METHYL KETOXIME. May produce an allergic reaction. |
| **Signature** | Sahra Uzmaner / Certificate No: TÜV/11.212.10 / Date of Validity: 02.11.2028 |

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