FPB.001-11.01

# SAFETY DATA SHEET

## Marine&Marine Anti Aging Polylac Yacht Varnish

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** Marine&Marine Anti Aging Polylac Yacht Varnish

**Product number** 337

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

### 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

.

### 1.4. Emergency telephone number

**Emergency telephone** ULUSAL ZEHIR DANISMA MERKEZI(UZEM):114 POLİSAN BOYA SANAYİ 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 Sens. 1 - H317 Asp. Tox. 1 - H304

**Environmental hazards** Aquatic Chronic 2 - H411

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

### 2.2. Label elements

**Hazard pictograms**



**Signal word** Danger

**Hazard statements**

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H317 May cause an allergic skin reaction.
H411 Toxic to aquatic life with long lasting effects.

# Marine&Marine Anti Aging Polylac Yacht Varnish

**Precautionary statements**

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.
P261 Avoid breathing vapour/ spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
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.
P321 Specific treatment (see medical advice on this label).
P331 Do NOT induce vomiting.
P333+P313 If skin irritation or rash 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.
P391 Collect spillage.
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**

white spirit, NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT HYD, SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.; LOW BOILING POINT NAPHTHA(NOTE P), cobalt bis (2-ethylhexanoate), ETHYL METHYL KETOXIME

### 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

**white spirit** **25-40%**

CAS number: 64742-88-7 EC number: 265-191-7

**Classification**
Flam. Liq. 3 - H226
STOT SE 3 - H336
Asp. Tox. 1 - H304
Aquatic Chronic 2 - H411

**NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT HYD** **1-5%**

CAS number: 64742-82-1 EC number: 265-185-4

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

# Marine&Marine Anti Aging Polylac Yacht Varnish

**ZIRCONIUM 2 ETHYL HEXANOATE** **1-5%**

CAS number: 22464-99-9 EC number: 245-018-1

**Classification**
Skin Irrit. 2 - H315

**2-BUTOXYETHANOL** **<1%**

CAS number: 111-76-2 EC number: 203-905-0

**Classification**
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Acute Tox. 4 - H332
Skin Irrit. 2 - H315
Eye Irrit. 2 - H319

**cobalt bis (2-ethylhexanoate)** **<1%**

CAS number: 136-52-7 EC number: 205-250-6

M factor (Acute) = 1

**Classification**
Eye Irrit. 2 - H319
Skin Sens. 1A - H317
Repr. 2 - H361
Aquatic Acute 1 - H400
Aquatic Chronic 3 - H412

**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** Get medical attention immediately.

**Inhalation** Move affected person to fresh air at once. Get medical attention.

**Ingestion** DO NOT induce vomiting. Get medical attention immediately. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

**Skin contact** Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention immediately.

**Eye contact** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

**Protection of first aiders** First aid personnel should wear appropriate protective equipment during any rescue.

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

**General information** Chemical burns must be treated by a physician.

# Marine&Marine Anti Aging Polylac Yacht Varnish

| | |
|---|---|
| **Inhalation** | Vapours may cause drowsiness and dizziness. |
| **Ingestion** | May cause discomfort if swallowed. |
| **Skin contact** | Prolonged skin contact may cause redness and irritation. |
| **Eye contact** | Irritation, burning, lachrymation, blurred vision after liquid splash. |

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

| | |
|---|---|
| **Notes for the doctor** | Treat symptomatically. |
| **Specific treatments** | No data available. |

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

| | |
|---|---|
| **Suitable extinguishing media** | Extinguish with the following media: Foam, carbon dioxide or dry powder. Dry chemicals, sand, dolomite etc. |
| **Unsuitable extinguishing media** | Water. |

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

| | |
|---|---|
| **Specific hazards** | Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. |
| **Hazardous combustion products** | When heated, vapours/gases hazardous to health may be formed. |

### 5.3. Advice for firefighters

| | |
|---|---|
| **Protective actions during firefighting** | Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Cool containers exposed to flames with water until well after the fire is out. |
| **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. |
| **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. Collect and dispose of spillage as indicated in Section 13. Collect and dispose of spillage as indicated in Section 13. |

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

| | |
|---|---|
| **Methods for cleaning up** | Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage. |

### 6.4. Reference to other sections

| | |
|---|---|
| **Reference to other sections** | See Section 12 for additional information on ecological hazards. For personal protection, see Section 8. See Section 11 for additional information on health hazards. Collect and dispose of spillage as indicated in Section 13. |

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

| | |
|---|---|
| **Usage precautions** | Avoid spilling. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level. Wear eye and face protection. Wear appropriate clothing to prevent any possibility of skin contact. |

# Marine&Marine Anti Aging Polylac Yacht Varnish

**Advice on general occupational hygiene** When using do not eat, drink or smoke. Do not smoke in work area. Eye wash facilities and emergency shower must be available when handling this product. Good personal hygiene procedures should be implemented. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

**Storage class** Flammable liquid storage.

### 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**

**2-BUTOXYETHANOL**

Long-term exposure limit (8-hour TWA): WEL 25 ppm(Sk)
Short-term exposure limit (15-minute): WEL 50 ppm(Sk)
WEL = Workplace Exposure Limit.

**Ingredient comments** WEL = Workplace Exposure Limits

### 8.2. Exposure controls

**Protective equipment**



**Appropriate engineering controls** Provide adequate general and local exhaust ventilation. Ensure that the direction of airflow is clearly away from the worker. Use approved respirator if air contamination is above an acceptable level. Use explosion-proof electrical, ventilating and lighting equipment. Static electricity and formation of sparks must be prevented.

**Personal protection** Use the personal protective equipments showed above. Remove sources of ignition, do not turn lights or unprotected electrical equipment on or off. In case of a major spill or spillage in a confined space evacuate the area and check that solvent vapour levels are below the Lower Explosive Limit before re-entering.

**Eye/face protection** Wear tight-fitting, chemical splash goggles or face shield.

**Hand protection** Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

**Other skin and body protection** Wear appropriate clothing to prevent any possibility of skin 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. Do not eat, drink or smoke when using this product.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn.

**Thermal hazards** No data available.

**Environmental exposure controls** Keep container tightly sealed when not in use. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

## SECTION 9: Physical and chemical properties

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

**Flash point** 35°C Closed cup.

# Marine&Marine Anti Aging Polylac Yacht Varnish

**Relative density** ~ 0.94 g/ml

**9.2. Other information**

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

**Reactivity** Stable under normal conditions.

**10.2. Chemical stability**

**Stability** Stable at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** Not known.

**10.4. Conditions to avoid**

**Conditions to avoid** Avoid heat, flames and other sources of ignition. Keep away from heat, sparks and open flame. Static electricity and formation of sparks must be prevented.

**10.5. Incompatible materials**

**Materials to avoid** Avoid contact with the following materials: Acids - oxidising.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide ($CO_2$).

## 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.

**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** The product contains a substance which may have adverse effects on wastewater treatment processes. Dangerous for the environment if discharged into watercourses.

**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**

**12.4. Mobility in soil**

# Marine&Marine Anti Aging Polylac Yacht Varnish

**Mobility** No data available.

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

**12.6 Endocrine disrupting properties**

**Endocrine disrupting properties**

**12.6. Other adverse effects**

## 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. Containers should be thoroughly emptied before disposal because of the risk of an explosion. Absorb in vermiculite, dry sand or earth and place into containers. Dispose of waste via a licensed waste disposal contractor.

## SECTION 14: Transport information

**14.1. UN number**

**UN number or ID number**

**UN No. (ADR/RID)** 1263

**UN No. (IMDG)** 1263

**UN No. (ICAO)** 1263

**UN No. (ADN)** 1263

**14.2. UN proper shipping name**

**Proper shipping name (ADR/RID)** PAINT RELATED MATERIAL

**Proper shipping name (IMDG)** PAINT RELATED MATERIAL (CONTAINS NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT HYD, cobalt bis (2-ethylhexanoate))

**Proper shipping name (ICAO)** PAINT RELATED MATERIAL

**Proper shipping name (ADN)** PAINT RELATED MATERIAL

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

**ADR/RID class** 3

**ADR/RID classification code** F1

**ADR/RID label** 3

**IMDG class** 3

**ICAO class/division** 3

**ADN class** 3

**Transport labels**




**14.4. Packing group**

**ADR/RID packing group** III

**IMDG packing group** III

# Marine&Marine Anti Aging Polylac Yacht Varnish

| | |
|---|---|
| **ICAO packing group** | III |
| **ADN packing group** | III |

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**



### 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 applicable. |

## 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 |

.

### 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** | Emre ÇELİK/ Sertifika Numarası: KDU01.16.11 / Belge Tarihi: 12.04.2021 |
| **Revision date** | 15/12/2023 |
| **Revision** | 04 |
| **Supersedes date** | 12/12/2010 |

# Marine&Marine Anti Aging Polylac Yacht Varnish

**Hazard statements in full**

H224 Extremely flammable liquid and vapour.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H351 Suspected of causing cancer.
H361 Suspected of damaging fertility or the unborn child.
H361d Suspected of damaging the unborn child.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

**Signature**

Emre ÇELİK/Sertifika Numarası: KDU01.16.11/Belge Tarihi: 12.04.2021

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.