

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

### 1.1. Product identifier

|                 |                            |
|-----------------|----------------------------|
| Product form    | : Mixture                  |
| Trade name      | : PROFT UNIVERSAL SILICONE |
| Type of product | : Adhesives, sealants      |
| Product group   | : Trade product            |

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

#### 1.2.1. Relevant identified uses

|                              |  |
|------------------------------|--|
| Intended for general public  |  |
| Main use category            | : Industrial use, Professional use, Consumer use |
| Use of the substance/mixture | : Adhesives, sealants                            |

#### 1.2.2. Uses advised against

No additional information available

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

#### Manufacturer/Supplier:

**Yaşar Teknik Yapı Malzemeleri Dış. Tic. A.Ş**

İnönü Mah. Fatih Sultan Mehmet Cad. No:3

Gebze / KOCAELİ - TURKEY

Phone: +90 (850) 307 74 74

[www.yasarteknik.com.tr](http://www.yasarteknik.com.tr)

### 1.4. Emergency telephone number

Emergency number : +90 212 771 15 52

| Country | Organisation/Company  | Address   | Emergency number | Comment   |
|---------|---|---|------------------|---|
| Turkey  | Ulusal Zehir Merkezi (UZEM)<br>Refik Saydam Hıfzıssıhha Merkezi<br>Başkanlığı | Cemal Gürsel Cd. No: 18<br>Sıhhiye<br>Çankaya<br>06590 Ankara | 114              | Information is provided to public and medical personnel on poisoning incidents via 114. |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

### 2.2. Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

|                                |  |
|--------------------------------|--|
| Precautionary statements (CLP) | : P102 - Keep out of reach of children.  |
| EUH-statements                 | : EUH208 - Contains 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one. May produce an allergic reaction. |

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### 2.3. Other hazards

Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name  | Product identifier                       | %                | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|--|------------------|---|
| PARAFFINUM LIQUIDUM                         | CAS-No.: 8042-47-5<br>EC-No.: 232-455-8  | 20 – 30          | Not classified  |
| Oligomeric ethyl and methyl acetoxysilanes  | -  | < 2              | Skin Corr. 1A, H314<br>Eye Dam. 1, H318                         |
| Triacetoxylethylsilane                      | CAS-No.: 17689-77-9<br>EC-No.: 241-677-4 | < 2              | Acute Tox. 4 (Oral), H302<br>Aquatic Chronic 3, H412            |
| 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one | -  | $\geq 0.1 - < 1$ | Skin Sens. 1, H317  |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin with plenty of water.                                |
| First-aid measures after eye contact  | : Rinse eyes with water as a precaution.                         |
| First-aid measures after ingestion    | : Call a poison center or a doctor if you feel unwell.           |

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

No additional information available

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

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

Hazardous decomposition products in case of fire : Toxic fumes may be released.

### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

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### SECTION 6: Accidental release measures

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

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment.

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

Methods for cleaning up : Mechanically recover the product.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Protect from moisture.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Protect from moisture. Store in a dry place. Store in a closed container. Store in a well-ventilated place. Keep cool.  
Storage temperature : 0 – 35 °C

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

No additional information available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1 National occupational exposure and biological limit values

No additional information available

##### 8.1.2. Recommended monitoring procedures

No additional information available

##### 8.1.3. Air contaminants formed

No additional information available

##### 8.1.4. DNEL and PNEC

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##### DNEL/DMEL (Workers)

|                                       |                        |
|---------------------------------------|------------------------|
| Acute - local effects, inhalation     | 32.5 mg/m <sup>3</sup> |
| Long-term - local effects, inhalation | 32.5 mg/m <sup>3</sup> |

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|--|------------------------|
| <b>DNEL/DMEL (General population)</b>      |                        |
| Long-term - local effects, inhalation      | 6.5 mg/m <sup>3</sup>  |
| <b>Triacetoxylethylsilane (17689-77-9)</b> |                        |
| <b>DNEL/DMEL (Workers)</b>                 |                        |
| Acute - local effects, inhalation          | 32.5 mg/m <sup>3</sup> |
| Long-term - local effects, inhalation      | 32.5 mg/m <sup>3</sup> |
| <b>DNEL/DMEL (General population)</b>      |                        |
| Long-term - local effects, inhalation      | 6.5 mg/m <sup>3</sup>  |

### 8.1.5. Control banding

No additional information available

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

### 8.2.2. Personal protection equipment

#### Personal protective equipment symbol(s):



#### 8.2.2.1. Eye and face protection

##### Eye protection:

Safety glasses

#### 8.2.2.2. Skin protection

##### Skin and body protection:

Wear suitable protective clothing

##### Hand protection:

Protective gloves

#### 8.2.2.3. Respiratory protection

##### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

#### 8.2.2.4. Thermal hazards

No additional information available

### 8.2.3. Environmental exposure controls

#### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|                |                   |
|----------------|-------------------|
| Physical state | : Solid           |
| Colour         | : Not available   |
| Appearance     | : Paste.          |
| Odour          | : characteristic. |

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|   |                                       |
|---|---------------------------------------|
| Odour threshold                                 | : Not available                       |
| Melting point                                   | : Not available                       |
| Freezing point                                  | : Not applicable                      |
| Boiling point                                   | : Not available                       |
| Flammability                                    | : Non flammable.                      |
| Explosive properties                            | : No data available.                  |
| Oxidising properties                            | : No data available.                  |
| Lower explosion limit                           | : Not applicable                      |
| Upper explosion limit                           | : Not applicable                      |
| Flash point                                     | : Not applicable                      |
| Auto-ignition temperature                       | : Not applicable                      |
| Decomposition temperature                       | : Not available                       |
| pH  | : Not available                       |
| pH solution                                     | : Not available                       |
| Viscosity, kinematic                            | : Not applicable                      |
| Solubility                                      | : Not available                       |
| Partition coefficient n-octanol/water (Log Kow) | : Not available                       |
| Vapour pressure                                 | : Not available                       |
| Vapour pressure at 50°C                         | : Not available                       |
| Density   | : 0.96 – 0.98 g/cm <sup>3</sup> @23°C |
| Relative density                                | : Not available                       |
| Relative vapour density at 20°C                 | : Not applicable                      |
| Particle size                                   | : Not available                       |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

No additional information available

#### 9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1) : >

Specific conductivity : <

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts violently with water.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Water, humidity.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

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Acute toxicity (inhalation) : Not classified

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|               |   |
|---------------|---|
| LD50 oral rat | 1460 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1270 - 1680 |
|---------------|---|

### Triacetoxethylsilane (17689-77-9)

|               |   |
|---------------|---|
| LD50 oral rat | 1460 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity), 95% CL: 1270 - 1680 |
|---------------|---|

Skin corrosion/irritation : Not classified.

### Triacetoxethylsilane (17689-77-9)

|    |                   |
|----|-------------------|
| pH | 2.77 Temp.: 20 °C |
|----|-------------------|

Serious eye damage/irritation : Not classified

### Triacetoxethylsilane (17689-77-9)

|    |                   |
|----|-------------------|
| pH | 2.77 Temp.: 20 °C |
|----|-------------------|

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

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|                           |  |
|---------------------------|--|
| LOAEL (animal/female, F1) | > 731.67 mg/kg bodyweight Animal: , Animal sex: female |
|---------------------------|--|

|                           |   |
|---------------------------|---|
| NOAEL (animal/female, F1) | ≥ 2500 mg/kg bodyweight Animal: rat, Animal sex: female |
|---------------------------|---|

### Triacetoxethylsilane (17689-77-9)

|                           |  |
|---------------------------|--|
| LOAEL (animal/female, F1) | > 731.67 mg/kg bodyweight Animal: , Animal sex: female |
|---------------------------|--|

|                           |   |
|---------------------------|---|
| NOAEL (animal/female, F1) | ≥ 2500 mg/kg bodyweight Animal: rat, Animal sex: female |
|---------------------------|---|

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

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|  |   |
|--|---|
| NOAEL (subchronic, oral, animal/male, 90 days) | ≥ 3417.23 mg/kg bodyweight Animal: , Animal sex: male |
|--|---|

### Triacetoxethylsilane (17689-77-9)

|  |   |
|--|---|
| NOAEL (subchronic, oral, animal/male, 90 days) | ≥ 3417.23 mg/kg bodyweight Animal: , Animal sex: male |
|--|---|

Aspiration hazard : Not classified

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|                      |                |
|----------------------|----------------|
| Viscosity, kinematic | Not applicable |
|----------------------|----------------|

## 11.2. Information on other hazards

No additional information available

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Not rapidly degradable

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|--------------------------|--|
| LC50 - Fish [1]          | 251 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)  |
| EC50 - Crustacea [1]     | 168.7 mg/l Test organisms (species): Daphnia magna   |
| EC50 72h - Algae [1]     | 24.41 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| NOEC (chronic)           | ≥ 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |

| Triacetoxymethylsilane (17689-77-9) |  |
|-------------------------------------|--|
| LC50 - Fish [1]                     | 251 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)  |
| EC50 - Crustacea [1]                | 168.7 mg/l Test organisms (species): Daphnia magna   |
| EC50 72h - Algae [1]                | 24.41 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| NOEC (chronic)                      | ≥ 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'  |

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

| ADR                                     | IMDG           | IATA           | ADN            | RID            |
|---|----------------|----------------|----------------|----------------|
| <b>14.1. UN number or ID number</b>     |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.2. UN proper shipping name</b>    |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.3. Transport hazard class(es)</b> |                |                |                |                |
| Not applicable                          | Not applicable | Not applicable | Not applicable | Not applicable |

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| ADR                                    | IMDG           | IATA           | ADN            | RID            |
|--|----------------|----------------|----------------|----------------|
| <b>14.4. Packing group</b>             |                |                |                |                |
| Not applicable                         | Not applicable | Not applicable | Not applicable | Not applicable |
| <b>14.5. Environmental hazards</b>     |                |                |                |                |
| Not applicable                         | Not applicable | Not applicable | Not applicable | Not applicable |
| No supplementary information available |                |                |                |                |

### 14.6. Special precautions for user

#### Overland transport

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

### 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

##### REACH Annex XVII (Restriction List)

##### EU restriction list (REACH Annex XVII)

| Reference code | Applicable on                              |
|----------------|--|
| 3(b)           | Oligomeric ethyl and methyl acetoxysilanes |

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

##### Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)



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### Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

### Abbreviations and acronyms:

|        |   |
|--------|---|
| ADN    | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR    | European Agreement concerning the International Carriage of Dangerous Goods by Road             |
| ATE    | Acute Toxicity Estimate   |
| BCF    | Bioconcentration factor   |
| BLV    | Biological limit value  |
| BOD    | Biochemical oxygen demand (BOD)   |
| COD    | Chemical oxygen demand (COD)  |
| DMEL   | Derived Minimal Effect level  |
| DNEL   | Derived-No Effect Level   |
| EC-No. | European Community number   |
| EC50   | Median effective concentration  |
| EN     | European Standard   |
| IARC   | International Agency for Research on Cancer   |
| IATA   | International Air Transport Association   |
| IMDG   | International Maritime Dangerous Goods  |
| LC50   | Median lethal concentration   |
| LD50   | Median lethal dose  |
| LOAEL  | Lowest Observed Adverse Effect Level  |
| NOAEC  | No-Observed Adverse Effect Concentration  |
| NOAEL  | No-Observed Adverse Effect Level  |
| NOEC   | No-Observed Effect Concentration  |
| OECD   | Organisation for Economic Co-operation and Development  |
| OEL    | Occupational Exposure Limit   |
| PBT    | Persistent Bioaccumulative Toxic  |
| PNEC   | Predicted No-Effect Concentration   |
| RID    | Regulations concerning the International Carriage of Dangerous Goods by Rail                    |
| SDS    | Safety Data Sheet   |
| STP    | Sewage treatment plant  |
| ThOD   | Theoretical oxygen demand (ThOD)  |
| TLM    | Median Tolerance Limit  |

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### Abbreviations and acronyms:

|         |  |
|---------|--|
| VOC     | Volatile Organic Compounds               |
| CAS-No. | Chemical Abstract Service number         |
| N.O.S.  | Not Otherwise Specified                  |
| vPvB    | Very Persistent and Very Bioaccumulative |
| ED      | Endocrine disrupting properties          |

### Full text of H- and EUH-statements:

|                     |   |
|---------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4   |
| Aquatic Chronic 3   | Hazardous to the aquatic environment – Chronic Hazard, Category 3                       |
| EUH208              | Contains 4,5-dichloro-2-n-octyl-4-isothiazolin-3-one. May produce an allergic reaction. |
| Eye Dam. 1          | Serious eye damage/eye irritation, Category 1   |
| H302                | Harmful if swallowed.   |
| H314                | Causes severe skin burns and eye damage.  |
| H317                | May cause an allergic skin reaction.  |
| H318                | Causes serious eye damage.  |
| H412                | Harmful to aquatic life with long lasting effects.                                      |
| Skin Corr. 1A       | Skin corrosion/irritation, Category 1, Sub-Category 1A                                  |
| Skin Sens. 1        | Skin sensitisation, Category 1  |

Safety Data Sheet (SDS), EU

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