


**PROPAM NF VINYL**

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1 Product identifier:** PROPAM NF VINYL  
**Other means of identification:**  
**UFI:** 39CN-0TRV-2G0N-43JH
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**  
Relevant uses (Professional users): Adhesive for construction  
Relevant uses (Industrial user): Adhesive for construction  
For Professional users/Industrial user only.  
Uses advised against: All uses not specified in this section or in section 7.3
- 1.3 Details of the supplier of the safety data sheet:**  
PROPAMSA SAU  
Ctra N-340 Km 1242,3  
08620 Sant Vicenç dels Horts - España  
Phone: +34 93 680 60 42  
constructionsolutions@molins.es  
molins.es
- 1.4 Emergency telephone number:** 0034 91 562 04 20

**SECTION 2: HAZARDS IDENTIFICATION**

- 2.1 Classification of the substance or mixture:**  
This product contains less than 1% of crystalline silica breathable fraction, so it does not require classification based on the provisions of Regulation (EU) 1272/2008 of the European Parliament and of the Council, of December 16, 2008, on classification, labeling and packaging of substances and mixtures, and amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006.  
**CLP Regulation (EC) No 1272/2008:**  
Classification of this product has been carried out in accordance with CLP Regulation (EC) No 1272/2008.  
Eye Irrit. 2: Eye irritation, Category 2, H319  
Skin Sens. 1: Sensitisation, skin, Category 1, H317
- 2.2 Label elements:**  
**CLP Regulation (EC) No 1272/2008:**  
**Warning**  
  
**Hazard statements:**  
Eye Irrit. 2: Causes serious eye irritation.  
Skin Sens. 1: May cause an allergic skin reaction.  
**Precautionary statements:**  
Avoid breathing dust  
Wash thoroughly after handling.  
Contaminated work clothing should not be allowed out of the workplace.  
Wear protective gloves/protective clothing/respiratory protection/eye protection/protective footwear.  
IF ON SKIN: Wash with plenty of water.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
**Supplementary information:**  
Contains Methacrylic acid, monoester with propane-1,2-diol, 2,2'-ethylenedioxydiethyl dimethacrylate, Reaction mass of 2,2'-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-, 2-methylhydroquinone.  
**UFI:** 39CN-0TRV-2G0N-43JH
- 2.3 Other hazards:**  
Product does not meet PBT/vPvB criteria  
Endocrine-disrupting properties: The product does not meet the criteria.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)**

**3.1 Substance:**

Not relevant

**3.2 Mixture:**

**Chemical description:** Unsaturated polyester resin

**Components:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (point 3), the product contains:

| Identification  | Chemical name/Classification  | Concentration        |
|---|---|----------------------|
| CAS: 14808-60-7<br>EC: 238-878-4<br>Index: Not relevant<br>REACH: 01-2120770509-45-XXXX   | <b>Quartz (RCS &lt; 1 %)<sup>(1)</sup></b> Not classified<br>Regulation 1272/2008   | <b>75 - &lt;100%</b> |
| CAS: 25013-15-4<br>EC: 246-562-2<br>Index: Not relevant<br>REACH: 01-2119622074-50-XXXX   | <b>Vinyltoluene<sup>(2)</sup></b> Self-classified<br>Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 2: H411; Flam. Liq. 3: H226; Skin Irrit. 2: H315 - Warning   | <b>2.5 - &lt;10%</b> |
| CAS: 109-16-0<br>EC: 203-652-6<br>Index: 607-768-00-1<br>REACH: 01-2119969287-21-XXXX     | <b>2,2'-ethylenedioxydiethyl dimethacrylate<sup>(2)</sup></b> ATP ATP21<br>Regulation 1272/2008 Skin Sens. 1B: H317 - Warning   | <b>2.5 - &lt;10%</b> |
| CAS: 27813-02-1<br>EC: 248-666-3<br>Index: Not relevant<br>REACH: 01-2119490226-37-XXXX   | <b>Methacrylic acid, monoester with propane-1,2-diol<sup>(2)</sup></b> Self-classified<br>Regulation 1272/2008 Eye Irrit. 2: H319; Skin Sens. 1: H317 - Warning   | <b>2.5 - &lt;10%</b> |
| CAS: 38668-48-3<br>EC: 254-075-1<br>Index: Not relevant<br>REACH: 01-2119980937-17-XXXX   | <b>1,1'-(p-tolylimino)dipropen-2-ol<sup>(2)</sup></b> Self-classified<br>Regulation 1272/2008 Acute Tox. 2: H300; Aquatic Chronic 3: H412; Eye Irrit. 2: H319 - Danger  | <b>&lt;1%</b>        |
| CAS: Not relevant<br>EC: 911-490-9<br>Index: Not relevant<br>REACH: 01-2119979579-10-XXXX | <b>Reaction mass of 2,2'-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-<sup>(2)</sup></b> Self-classified<br>Regulation 1272/2008 Acute Tox. 4: H302; Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1: H317 - Danger | <b>&lt;1%</b>        |
| CAS: 95-71-6<br>EC: 202-443-7<br>Index: Not relevant<br>REACH: 01-2120784410-58-XXXX      | <b>2-methylhydroquinone<sup>(2)</sup></b> Self-classified<br>Regulation 1272/2008 Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Skin Corr. 1A: H314; Skin Sens. 1: H317; STOT SE 3: H335 - Danger   | <b>&lt;1%</b>        |
| CAS: 106-51-4<br>EC: 203-405-2<br>Index: 606-013-00-3<br>REACH: 01-2119933861-35-XXXX     | <b>p-benzoquinone<sup>(2)</sup></b> ATP ATP01<br>Regulation 1272/2008 Acute Tox. 3: H301+H331; Aquatic Acute 1: H400; Eye Irrit. 2: H319; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger   | <b>&lt;1%</b>        |

<sup>(1)</sup> Main component

<sup>(2)</sup> Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2020/878

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

**Other information:**

| Identification              | M-factor  |
|-----------------------------|-----------|
| p-benzoquinone              | Acute 10  |
| CAS: 106-51-4 EC: 203-405-2 | Chronic 1 |

Acute toxicity estimate for the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or as determined in accordance with Annex I to that Regulation:

| Identification                   | Acute toxicity                    | Genus |
|----------------------------------|-----------------------------------|-------|
| 1,1'-(p-tolylimino)dipropen-2-ol | LD50 oral 25 mg/kg                | Rat   |
| CAS: 38668-48-3                  | LD50 dermal Not relevant          |       |
| EC: 254-075-1                    | LC50 inhalation dust Not relevant |       |
| p-benzoquinone                   | LD50 oral 130 mg/kg               | Rat   |
| CAS: 106-51-4                    | LD50 dermal Not relevant          |       |
| EC: 203-405-2                    | LC50 inhalation dust 0,5 mg/L     |       |

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**SECTION 4: FIRST AID MEASURES**

**4.1 Description of first aid measures:**

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

**By inhalation:**

This product is not classified as hazardous through inhalation. However, in case of intoxication symptoms it is recommended to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

**By skin contact:**

May cause an allergic skin reaction. In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes on the skin (stinging, redness, rashes, blisters), seek medical advice with this Safety Data Sheet

**By eye contact:**

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, in which case this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

**By ingestion/aspiration:**

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

**4.2 Most important symptoms and effects, both acute and delayed:**

Acute and delayed effects are indicated in sections 2 and 11.

**4.3 Indication of any immediate medical attention and special treatment needed:**

Not relevant

**SECTION 5: FIREFIGHTING MEASURES**

**5.1 Extinguishing media:**

**Suitable extinguishing media:**

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

**Unsuitable extinguishing media:**

Non-applicable

**5.2 Special hazards arising from the substance or mixture:**

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

**5.3 Advice for firefighters:**

Depending on the magnitude of the fire it may be necessary to use full protective clothing and Self Contained Breathing Apparatus. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

**Additional provisions:**

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

**For non-emergency personnel:**

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

**For emergency responders:**

Wear protective equipment. Keep unprotected persons away. See section 8.

**6.2 Environmental precautions:**

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**PROPAM NF VINYL**

**SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)**

It is recommended to avoid environmental spillage of both the product and its container.

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

It is recommended:

Sweep up and shovel product or collect by other means and place in container for reuse (preferred) or disposal

**6.4 Reference to other sections:**

See sections 8 and 13.

**SECTION 7: HANDLING AND STORAGE**

**7.1 Precautions for safe handling:**

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

Preferably use vacuum extraction for cleaning. Due to the presence of environmentally hazardous substances in the product, it is advisable to use cleaning methods that minimize its dispersion into the surround

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

A.- Specific storage requirements

Minimum Temp.: 5 °C

Maximum Temp.: 35 °C

Maximum time: 12 Months

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

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

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters:**

Substances whose occupational exposure limits have to be monitored in the workplace (European OEL, not country-specific legislation):

Nuisance dust: Inhalable dust 10 mg/m<sup>3</sup> // Respirable dust 4 mg/m<sup>3</sup>

**DNEL (Workers):**

| Identification  |            | Short exposure |              | Long exposure          |              |
|---|------------|----------------|--------------|------------------------|--------------|
|   |            | Systemic       | Local        | Systemic               | Local        |
| 2,2'-ethylenedioxydiethyl dimethacrylate<br>CAS: 109-16-0<br>EC: 203-652-6            | Oral       | Not relevant   | Not relevant | Not relevant           | Not relevant |
|   | Dermal     | Not relevant   | Not relevant | 13,9 mg/kg             | Not relevant |
|   | Inhalation | Not relevant   | Not relevant | 48,5 mg/m <sup>3</sup> | Not relevant |
| Methacrylic acid, monoester with propane-1,2-diol<br>CAS: 27813-02-1<br>EC: 248-666-3 | Oral       | Not relevant   | Not relevant | Not relevant           | Not relevant |
|   | Dermal     | Not relevant   | Not relevant | 4,2 mg/kg              | Not relevant |
|   | Inhalation | Not relevant   | Not relevant | 14,7 mg/m <sup>3</sup> | Not relevant |

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**

| Identification   |            | Short exposure |              | Long exposure          |              |
|--|------------|----------------|--------------|------------------------|--------------|
|  |            | Systemic       | Local        | Systemic               | Local        |
| 1,1'-(p-tolylimino)dipropen-2-ol<br>CAS: 38668-48-3<br>EC: 254-075-1 | Oral       | Not relevant   | Not relevant | Not relevant           | Not relevant |
|  | Dermal     | Not relevant   | Not relevant | 0,7 mg/kg              | Not relevant |
|  | Inhalation | Not relevant   | Not relevant | 2,47 mg/m <sup>3</sup> | Not relevant |
| 2-methylhydroquinone<br>CAS: 95-71-6<br>EC: 202-443-7                | Oral       | Not relevant   | Not relevant | Not relevant           | Not relevant |
|  | Dermal     | Not relevant   | Not relevant | 0,896 mg/kg            | Not relevant |
|  | Inhalation | Not relevant   | Not relevant | 3,16 mg/m <sup>3</sup> | Not relevant |

**DNEL (General population):**

| Identification  |            | Short exposure |              | Long exposure           |              |
|---|------------|----------------|--------------|-------------------------|--------------|
|   |            | Systemic       | Local        | Systemic                | Local        |
| 2,2'-ethylenedioxydiethyl dimethacrylate<br>CAS: 109-16-0<br>EC: 203-652-6            | Oral       | Not relevant   | Not relevant | 8,33 mg/kg              | Not relevant |
|   | Dermal     | Not relevant   | Not relevant | 8,33 mg/kg              | Not relevant |
|   | Inhalation | Not relevant   | Not relevant | 14,5 mg/m <sup>3</sup>  | Not relevant |
| Methacrylic acid, monoester with propane-1,2-diol<br>CAS: 27813-02-1<br>EC: 248-666-3 | Oral       | Not relevant   | Not relevant | 2,5 mg/kg               | Not relevant |
|   | Dermal     | Not relevant   | Not relevant | 2,5 mg/kg               | Not relevant |
|   | Inhalation | Not relevant   | Not relevant | 8,8 mg/m <sup>3</sup>   | Not relevant |
| 1,1'-(p-tolylimino)dipropen-2-ol<br>CAS: 38668-48-3<br>EC: 254-075-1                  | Oral       | Not relevant   | Not relevant | 0,25 mg/kg              | Not relevant |
|   | Dermal     | Not relevant   | Not relevant | Not relevant            | Not relevant |
|   | Inhalation | Not relevant   | Not relevant | Not relevant            | Not relevant |
| 2-methylhydroquinone<br>CAS: 95-71-6<br>EC: 202-443-7                                 | Oral       | Not relevant   | Not relevant | 0,32 mg/kg              | Not relevant |
|   | Dermal     | Not relevant   | Not relevant | 0,32 mg/kg              | Not relevant |
|   | Inhalation | Not relevant   | Not relevant | 0,557 mg/m <sup>3</sup> | Not relevant |

**PNEC:**

| Identification  |              |               |                         |               |
|---|--------------|---------------|-------------------------|---------------|
| 2,2'-ethylenedioxydiethyl dimethacrylate<br>CAS: 109-16-0<br>EC: 203-652-6            | STP          | 1,7 mg/L      | Fresh water             | 0,016 mg/L    |
|   | Soil         | 0,027 mg/kg   | Marine water            | 0,002 mg/L    |
|   | Intermittent | 0,016 mg/L    | Sediment (Fresh water)  | 0,185 mg/kg   |
|   | Oral         | Not relevant  | Sediment (Marine water) | 0,018 mg/kg   |
| Methacrylic acid, monoester with propane-1,2-diol<br>CAS: 27813-02-1<br>EC: 248-666-3 | STP          | 10 mg/L       | Fresh water             | 0,904 mg/L    |
|   | Soil         | 0,727 mg/kg   | Marine water            | 0,904 mg/L    |
|   | Intermittent | 0,972 mg/L    | Sediment (Fresh water)  | 6,28 mg/kg    |
|   | Oral         | Not relevant  | Sediment (Marine water) | 6,28 mg/kg    |
| 1,1'-(p-tolylimino)dipropen-2-ol<br>CAS: 38668-48-3<br>EC: 254-075-1                  | STP          | 199,5 mg/L    | Fresh water             | 0,017 mg/L    |
|   | Soil         | 0,023 mg/kg   | Marine water            | 0,002 mg/L    |
|   | Intermittent | 0,17 mg/L     | Sediment (Fresh water)  | 0,163 mg/kg   |
|   | Oral         | Not relevant  | Sediment (Marine water) | 0,016 mg/kg   |
| 2-methylhydroquinone<br>CAS: 95-71-6<br>EC: 202-443-7                                 | STP          | 0,458 mg/L    | Fresh water             | 0,0007 mg/L   |
|   | Soil         | 0,00354 mg/kg | Marine water            | 0,0007 mg/L   |
|   | Intermittent | 0,0035 mg/L   | Sediment (Fresh water)  | 0,00653 mg/kg |
|   | Oral         | Not relevant  | Sediment (Marine water) | 0,00653 mg/kg |

**8.2 Exposure controls:**

**A.- Individual protection measures, such as personal protective equipment**



As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<CE marking>> in accordance with Regulation (EU) 2016/425. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

**B.- Respiratory protection**

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**PROPAM NF VINYL**

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)**



| Pictogram   | PPE  | Labelling   | CEN Standard        | Remarks  |
|---|--|---|---------------------|--|
| <br>Mandatory respiratory tract protection | Filter mask for gases and vapours (Filter type: P2/FFP2) |  | EN 405:2002+A1:2010 | Replace when there is a taste or smell of the contaminant inside the face mask. If the contaminant comes with warnings it is recommended to use isolation equipment. |

**C.- Specific protection for the hands**



| Pictogram  | PPE   | Labelling   | CEN Standard      | Remarks  |
|--|---|---|-------------------|--|
| <br>Mandatory hand protection | Chemical protective gloves (Material: Butyl, Breakthrough time: > 480 min, Thickness: 0.3 mm) |  | EN ISO 21420:2020 | Replace the gloves at any sign of deterioration. |

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

**D.- Eye and face protection**



| Pictogram  | PPE   | Labelling   | CEN Standard                    | Remarks   |
|--|---|---|---------------------------------|---|
| <br>Mandatory face protection | Panoramic glasses against splash/projections. |  | EN 166:2002<br>EN ISO 4007:2018 | Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing. |

**E.- Body protection**

| Pictogram | PPE                  | Labelling   | CEN Standard      | Remarks   |
|-----------|----------------------|---|-------------------|---|
|           | Work clothing        |  |                   | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994. |
|           | Anti-slip work shoes |  | EN ISO 20347:2022 | Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2022 y EN 13832-1:2019                                 |

**F.- Additional emergency measures**

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

| Emergency measure   | Standards                                       | Emergency measure  | Standards                                      |
|---|---|--|--|
| <br>Emergency shower | ANSI Z358-1<br>ISO 3864-1:2011, ISO 3864-4:2011 | <br>Eyewash stations | DIN 12 899<br>ISO 3864-1:2011, ISO 3864-4:2011 |

**Environmental exposure controls:**

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

**Volatile organic compounds:**

With regard to Directive 2010/75/EU, this product has the following characteristics:

|                           |                                 |
|---------------------------|---------------------------------|
| V.O.C. (Supply):          | 0 % weight                      |
| V.O.C. density at 20 °C:  | 171 kg/m <sup>3</sup> (171 g/L) |
| Average carbon number:    | Not relevant                    |
| Average molecular weight: | Not relevant                    |

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

\*Not relevant due to the nature of the product, not providing information property of its hazards.

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**PROPAM NF VINYL**

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

**9.1 Information on basic physical and chemical properties:**

For complete information see the product datasheet.

**Appearance:**

|                          |   |
|--------------------------|---|
| Physical state at 20 °C: | Solid   |
| Appearance:              | Paste   |
| Colour:                  |  Beige |
| Odour:                   | Characteristic  |
| Odour threshold:         | Not relevant *  |

**Volatility:**

|  |                |
|--|----------------|
| Boiling point at atmospheric pressure: | Not relevant * |
| Vapour pressure at 20 °C:              | Not relevant * |
| Vapour pressure at 50 °C:              | Not relevant * |
| Evaporation rate at 20 °C:             | Not relevant * |

**Product description:**

|  |                    |
|--|--------------------|
| Density at 20 °C:                            | Not relevant *     |
| Relative density at 20 °C:                   | 1,66 - 1,68        |
| Dynamic viscosity at 20 °C:                  | Not relevant *     |
| Kinematic viscosity at 20 °C:                | Not relevant *     |
| Kinematic viscosity at 40 °C:                | Not relevant *     |
| Concentration:                               | Not relevant *     |
| pH:  | Not relevant *     |
| Vapour density at 20 °C:                     | Not relevant *     |
| Partition coefficient n-octanol/water 20 °C: | Not relevant *     |
| Solubility in water at 20 °C:                | Not relevant *     |
| Solubility properties:                       | Insoluble in water |
| Decomposition temperature:                   | Not relevant *     |
| Melting point/freezing point:                | Not relevant *     |

**Flammability:**

|                            |                |
|----------------------------|----------------|
| Flash Point:               | Not relevant * |
| Flammability (solid, gas): | Not relevant * |
| Autoignition temperature:  | Not relevant * |
| Lower flammability limit:  | Not relevant * |
| Upper flammability limit:  | Not relevant * |

**Explosive (Solid):**

|                        |                |
|------------------------|----------------|
| Lower explosive limit: | Not relevant * |
| Upper explosive limit: | Not relevant * |

**Particle characteristics:**

|                             |                |
|-----------------------------|----------------|
| Median equivalent diameter: | Not relevant * |
|-----------------------------|----------------|

**9.2 Other information:**

**Information with regard to physical hazard classes:**

|                       |                |
|-----------------------|----------------|
| Explosive properties: | Not relevant * |
| Oxidising properties: | Not relevant * |
| Corrosive to metals:  | Not relevant * |
| Heat of combustion:   | Not relevant * |

\*Not relevant due to the nature of the product, not providing information property of its hazards.

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**PROPAM NF VINYL**

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**

Aerosols-total percentage (by mass) of flammable components: Not relevant \*

**Other safety characteristics:**

Surface tension at 20 °C: Not relevant \*

Refraction index: Not relevant \*

\*Not relevant due to the nature of the product, not providing information property of its hazards.

**SECTION 10: STABILITY AND REACTIVITY**

**10.1 Reactivity:**

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

**10.2 Chemical stability:**

Chemically stable under the indicated conditions of storage, handling and use.

**10.3 Possibility of hazardous reactions:**

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

**10.4 Conditions to avoid:**

Applicable for handling and storage at room temperature:

| Shock and friction | Contact with air | Increase in temperature | Sunlight   | Humidity       |
|--------------------|------------------|-------------------------|------------|----------------|
| Not applicable     | Not applicable   | Precaution              | Precaution | Not applicable |

**10.5 Incompatible materials:**

| Acids              | Water          | Oxidising materials | Combustible materials | Others                        |
|--------------------|----------------|---------------------|-----------------------|-------------------------------|
| Avoid strong acids | Not applicable | Avoid direct impact | Not applicable        | Avoid alkalis or strong bases |

**10.6 Hazardous decomposition products:**

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO<sub>2</sub>), carbon monoxide and other organic compounds.

**SECTION 11: TOXICOLOGICAL INFORMATION**

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

The experimental information related to the toxicological properties of the product itself is not available

**Dangerous health implications:**

In case of exposure that is repetitive, prolonged or at concentrations higher than the recommended occupational exposure limits, adverse effects on health may result, depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Produces eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

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**PROPAM NF VINYL**

**SECTION 11: TOXICOLOGICAL INFORMATION (continued)**

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.  
IARC: Vinyltoluene (3); p-benzoquinone (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**E- Sensitizing effects:**

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Prolonged contact with the skin can result in episodes of allergic contact dermatitis.

**F- Specific target organ toxicity (STOT) - single exposure:**

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

**G- Specific target organ toxicity (STOT)-repeated exposure:**

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**H- Aspiration hazard:**

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

**Other information:**

Not relevant

**Specific toxicology information on the substances:**

| Identification  | Acute toxicity         |             | Genus  |
|---|------------------------|-------------|--------|
| Vinyltoluene<br>CAS: 25013-15-4<br>EC: 246-562-2  | LD50 oral              | >5000 mg/kg | Rat    |
|   | LD50 dermal            |             |        |
|   | LC50 inhalation vapour |             |        |
| 2,2'-ethylenedioxydiethyl dimethacrylate<br>CAS: 109-16-0<br>EC: 203-652-6  | LD50 oral              | 10837 mg/kg | Rat    |
|   | LD50 dermal            |             |        |
|   | LC50 inhalation vapour |             |        |
| Methacrylic acid, monoester with propane-1,2-diol<br>CAS: 27813-02-1<br>EC: 248-666-3   | LD50 oral              | 11200 mg/kg | Rat    |
|   | LD50 dermal            | >5000 mg/kg | Rabbit |
|   | LC50 inhalation vapour |             |        |
| 1,1'-(p-tolylimino)dipropen-2-ol<br>CAS: 38668-48-3<br>EC: 254-075-1  | LD50 oral              | 25 mg/kg    | Rat    |
|   | LD50 dermal            |             |        |
|   | LC50 inhalation dust   |             |        |
| p-benzoquinone<br>CAS: 106-51-4<br>EC: 203-405-2  | LD50 oral              | 130 mg/kg   | Rat    |
|   | LD50 dermal            |             |        |
|   | LC50 inhalation dust   | 0,5 mg/L    |        |
| Reaction mass of 2,2'-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl]-(4-methylphenyl)amino]-<br>CAS: Not relevant<br>EC: 911-490-9 | LD50 oral              | 619 mg/kg   | Rat    |
|   | LD50 dermal            |             |        |
|   | LC50 inhalation vapour |             |        |

**11.2 Information on other hazards:**

**Endocrine disrupting properties**

Endocrine-disrupting properties: The product does not meet the criteria.

**Other information**

Not relevant

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**PROPAM NF VINYL**

**SECTION 12: ECOLOGICAL INFORMATION**

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

**12.1 Toxicity:**

**Acute toxicity:**

| Identification   | Concentration | Species          | Genus                     |
|--|---------------|------------------|---------------------------|
| Vinyltoluene<br>CAS: 25013-15-4<br>EC: 246-562-2   | LC50          | 7,6 mg/L (96 h)  | Salmo gairdneri           |
|  | EC50          | 1,3 mg/L (48 h)  | Daphnia magna             |
|  | EC50          | 2,6 mg/L (72 h)  | Selenastrum capricornutum |
| 2,2'-ethylenedioxydiethyl dimethacrylate<br>CAS: 109-16-0<br>EC: 203-652-6   | LC50          | 16,4 mg/L (96 h) | Danio rerio               |
|  | EC50          | Not relevant     |                           |
|  | EC50          | Not relevant     |                           |
| Methacrylic acid, monoester with propane-1,2-diol<br>CAS: 27813-02-1<br>EC: 248-666-3  | LC50          | 833 mg/L (96 h)  | Scophthalmus maximus      |
|  | EC50          | 210 mg/L (48 h)  | Acartia tonsa             |
|  | EC50          | Not relevant     |                           |
| 1,1'-(p-tolylimino)dipropan-2-ol<br>CAS: 38668-48-3<br>EC: 254-075-1   | LC50          | 17 mg/L (96 h)   | Brachydanio rerio         |
|  | EC50          | 28,8 mg/L (48 h) | Daphnia magna             |
|  | EC50          | 245 mg/L (72 h)  | Desmodesmus subspicatus   |
| Reaction mass of 2,2'-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-<br>CAS: Not relevant<br>EC: 911-490-9 | LC50          | Not relevant     |                           |
|  | EC50          | 48 mg/L (48 h)   | Daphnia magna             |
|  | EC50          | Not relevant     |                           |
| 2-methylhydroquinone<br>CAS: 95-71-6<br>EC: 202-443-7  | LC50          | Not relevant     |                           |
|  | EC50          | 0,35 mg/L (48 h) | Daphnia magna             |
|  | EC50          | 2,3 mg/L (72 h)  | Desmodesmus subspicatus   |
| p-benzoquinone<br>CAS: 106-51-4<br>EC: 203-405-2   | LC50          | 0,04 mg/L (96 h) | Oncorhynchus mykiss       |
|  | EC50          | Not relevant     |                           |
|  | EC50          | Not relevant     |                           |

**Chronic toxicity:**

| Identification   | Concentration | Species      | Genus         |
|--|---------------|--------------|---------------|
| Vinyltoluene<br>CAS: 25013-15-4 EC: 246-562-2                                      | NOEC          | 1,16 mg/L    | N/A           |
|  | NOEC          | 0,32 mg/L    | Daphnia magna |
| 2,2'-ethylenedioxydiethyl dimethacrylate<br>CAS: 109-16-0 EC: 203-652-6            | NOEC          | Not relevant |               |
|  | NOEC          | 32 mg/L      | Daphnia magna |
| Methacrylic acid, monoester with propane-1,2-diol<br>CAS: 27813-02-1 EC: 248-666-3 | NOEC          | Not relevant |               |
|  | NOEC          | 45,2 mg/L    | Daphnia magna |

**12.2 Persistence and degradability:**

**Substance-specific information:**

| Identification   | Degradability | Biodegradability |
|--|---------------|------------------|
| 2,2'-ethylenedioxydiethyl dimethacrylate<br>CAS: 109-16-0<br>EC: 203-652-6   | BOD5          | Not relevant     |
|  | COD           | Not relevant     |
|  | BOD5/COD      | Not relevant     |
| Methacrylic acid, monoester with propane-1,2-diol<br>CAS: 27813-02-1<br>EC: 248-666-3  | BOD5          | Not relevant     |
|  | COD           | Not relevant     |
|  | BOD5/COD      | Not relevant     |
| Reaction mass of 2,2'-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-<br>CAS: Not relevant<br>EC: 911-490-9 | BOD5          | Not relevant     |
|  | COD           | Not relevant     |
|  | BOD5/COD      | Not relevant     |
| 2-methylhydroquinone<br>CAS: 95-71-6<br>EC: 202-443-7  | BOD5          | Not relevant     |
|  | COD           | Not relevant     |
|  | BOD5/COD      | Not relevant     |

**12.3 Bioaccumulative potential:**

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**PROPAM NF VINYL**

**SECTION 12: ECOLOGICAL INFORMATION (continued)**

**Substance-specific information:**

| Identification   | Bioaccumulation potential |      |
|--|---------------------------|------|
| Vinyltoluene<br>CAS: 25013-15-4<br>EC: 246-562-2   | BCF                       | 5    |
|  | Pow Log                   | 3.44 |
|  | Potential                 | Low  |
| Methacrylic acid, monoester with propane-1,2-diol<br>CAS: 27813-02-1<br>EC: 248-666-3  | BCF                       | 3    |
|  | Pow Log                   | 0.97 |
|  | Potential                 | Low  |
| Reaction mass of 2,2'-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-<br>CAS: Not relevant<br>EC: 911-490-9 | BCF                       |      |
|  | Pow Log                   | 2.17 |
|  | Potential                 |      |

**12.4 Mobility in soil:**

| Identification   | Absorption/desorption |                    | Volatility |                                |
|--|-----------------------|--------------------|------------|--------------------------------|
| Vinyltoluene<br>CAS: 25013-15-4<br>EC: 246-562-2   | Koc                   | Not relevant       | Henry      | Not relevant                   |
|  | Conclusion            | Not relevant       | Dry soil   | Not relevant                   |
|  | Surface tension       | 3,2E-2 N/m (20 °C) | Moist soil | Not relevant                   |
| 2,2'-ethylenedioxydiethyl dimethacrylate<br>CAS: 109-16-0<br>EC: 203-652-6   | Koc                   | 78                 | Henry      | 9,26E-6 Pa·m <sup>3</sup> /mol |
|  | Conclusion            | High               | Dry soil   | Not relevant                   |
|  | Surface tension       | Not relevant       | Moist soil | Not relevant                   |
| Methacrylic acid, monoester with propane-1,2-diol<br>CAS: 27813-02-1<br>EC: 248-666-3  | Koc                   | 80                 | Henry      | 9E-4 Pa·m <sup>3</sup> /mol    |
|  | Conclusion            | High               | Dry soil   | Not relevant                   |
|  | Surface tension       | Not relevant       | Moist soil | Not relevant                   |
| 1,1'-(p-tolylimino)dipropan-2-ol<br>CAS: 38668-48-3<br>EC: 254-075-1   | Koc                   | 10                 | Henry      | 3,98E-5 Pa·m <sup>3</sup> /mol |
|  | Conclusion            | Very High          | Dry soil   | Not relevant                   |
|  | Surface tension       | Not relevant       | Moist soil | Not relevant                   |
| Reaction mass of 2,2'-[(4-methylphenyl)imino]bisethanol and Ethanol 2-[[2-(2-hydroxyethoxy)ethyl](4-methylphenyl)amino]-<br>CAS: Not relevant<br>EC: 911-490-9 | Koc                   | 214                | Henry      | Not relevant                   |
|  | Conclusion            | Moderate           | Dry soil   | Not relevant                   |
|  | Surface tension       | Not relevant       | Moist soil | Not relevant                   |
| 2-methylhydroquinone<br>CAS: 95-71-6<br>EC: 202-443-7  | Koc                   | 57.83              | Henry      | Not relevant                   |
|  | Conclusion            | Very High          | Dry soil   | Not relevant                   |
|  | Surface tension       | Not relevant       | Moist soil | Not relevant                   |
| p-benzoquinone<br>CAS: 106-51-4<br>EC: 203-405-2   | Koc                   | 30                 | Henry      | 4,79E-4 Pa·m <sup>3</sup> /mol |
|  | Conclusion            | Very High          | Dry soil   | Yes                            |
|  | Surface tension       | Not relevant       | Moist soil | Yes                            |

Insoluble in water

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

Product does not meet PBT/vPvB criteria

**12.6 Endocrine disrupting properties:**

Endocrine-disrupting properties: The product does not meet the criteria.

**12.7 Other adverse effects:**

Not described

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods:**

| Code      | Description  | Waste class (Regulation (EU) No 1357/2014) |
|-----------|--|--|
| 08 04 09* | waste adhesives and sealants containing organic solvents or other hazardous substances | Hazardous                                  |

**Type of waste (Regulation (EU) No 1357/2014):**

HP6 Acute Toxicity

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**PROPAM NF VINYL**

**SECTION 13: DISPOSAL CONSIDERATIONS (continued)**

**Waste management (disposal and evaluation):**

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-hazardous residue. Waste should not be disposed of to drains. See paragraph 6.2.

**Regulations related to waste management:**

In accordance with Annex II of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

**SECTION 14: TRANSPORT INFORMATION**

This product is not regulated for transport (ADR/RID,IMDG,IATA)

**SECTION 15: REGULATORY INFORMATION**

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

- Article 95, REGULATION (EU) No 528/2012: Not relevant
- Candidate substances for authorisation under the Regulation (EC) No 1907/2006 (REACH): Not relevant
- Regulation (EU) 2019/1021 on persistent organic pollutants: Not relevant
- Regulation (EU) No 2024/590, about substances that deplete the ozone layer: Not relevant
- REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Not relevant
- Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Not relevant

**Seveso III:**

Not relevant

**Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):**

Laboral exposure to respirable crystalline silica must be controlled in accordance with Directive (EU) 2022/431, of the European Parliament and of the Council, of March 9, 2022, amending Directive 2004/37/EC, relating to the protection of workers against risks related to exposure to carcinogens or mutagens during work.

**Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

**Other legislation:**

The product could be affected by sectorial legislation

**15.2 Chemical safety assessment:**

The supplier has not carried out evaluation of chemical safety.

**SECTION 16: OTHER INFORMATION**

**Legislation related to safety data sheets:**

The SDS shall be supplied in an official language of the country where the product is placed on the market. This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) No 1907/2006 (COMMISSION REGULATION (EU) 2020/878).

**Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks.:**

Not relevant

**Texts of the legislative phrases mentioned in section 2:**

H319: Causes serious eye irritation.

H317: May cause an allergic skin reaction.

**Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

**CLP Regulation (EC) No 1272/2008:**

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**SECTION 16: OTHER INFORMATION (continued)**

Acute Tox. 2: H300 - Fatal if swallowed.  
Acute Tox. 3: H301+H331 - Toxic if swallowed or if inhaled.  
Acute Tox. 4: H302 - Harmful if swallowed.  
Aquatic Acute 1: H400 - Very toxic to aquatic life.  
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.  
Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects.  
Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects.  
Eye Dam. 1: H318 - Causes serious eye damage.  
Eye Irrit. 2: H319 - Causes serious eye irritation.  
Flam. Liq. 3: H226 - Flammable liquid and vapour.  
Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.  
Skin Irrit. 2: H315 - Causes skin irritation.  
Skin Sens. 1: H317 - May cause an allergic skin reaction.  
Skin Sens. 1B: H317 - May cause an allergic skin reaction.  
STOT SE 3: H335 - May cause respiratory irritation.

**Classification procedure:**

Eye Irrit. 2: Calculation method  
Skin Sens. 1: Calculation method

**Advice related to training:**

Training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

**Principal bibliographical sources:**

<http://echa.europa.eu>  
<http://eur-lex.europa.eu>

**Abbreviations and acronyms:**

ADR: European agreement concerning the international carriage of dangerous goods by road  
IMDG: International maritime dangerous goods code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
COD: Chemical Oxygen Demand  
BOD5: 5day biochemical oxygen demand  
BCF: Bioconcentration factor  
LD50: Lethal Dose 50  
LC50: Lethal Concentration 50  
EC50: Effective concentration 50  
LogPOW: Octanolwater partition coefficient  
Koc: Partition coefficient of organic carbon  
UFI: unique formula identifier  
IARC: International Agency for Research on Cancer

**Other information:**

ENVIRONMENTAL CARE: Please do not dispose of uncured material. If disposing please discard the product mix in the cured state.

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -