

SEMILAC®

## SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

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

- 1.1 Product identifier  
 Semilac Elastic Acrylgel Light Pink  
 Semilac Elastic Acrylgel Diamond Cream  
 Semilac Elastic Acrylgel Warm Nude  
 Semilac Elastic Acrylgel Crystal Clear  
 Semilac Elastic Acrylgel Pudding Rose  
 Semilac Elastic Acrylgel Chilly Beige  
 UFI: T200-U0CW-500W-QVKG
- 1.2 Relevant identified uses of the substance or mixture and uses advised against  
Relevant identified uses: nail styling product.  
Uses advised against: not determined.
- 1.3 Details of the supplier of the safety data sheet  
 Supplier: Nesperta Europe Sp. z o.o.  
 Address: ul. Obornicka 7, 62-002 Jelonek, Poland  
 Telephone number: + 48 61 306 77 72  
 E-mail address for a competent person responsible for SDS: office@nesperta.com
- 1.4 Emergency telephone number  
 112

## Section 2: Hazards identification

- 2.1 Classification of the substance or mixture  
 Skin Sens. 1 H317, Eye Irrit. 2 H319  
 May cause an allergic skin reaction. Causes serious eye irritation.

## 2.2 Label elements

Hazard pictograms and signal words

WARNING

Substances which influenced product classification

Contains: methacrylic acid, monoester with propane-1,2-diol.

Hazard statements

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Precautionary statements

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container to properly labeled waste containers in accordance with national regulations.

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## 2.3 Other hazards

The substances contained in the product do not meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation. The product does not contain substances included in the list established in accordance with Article 59 (1) for having endocrine disrupting properties, or substances 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 % by weight.

## Section 3: Composition/information on ingredients

## 3.1 Substances

Not applicable.

## 3.2 Mixtures

CAS number: 27813-02-1 EC number: 248-666-3 Index number: — Registration number: 01-2119490226-37-0024	<u>methacrylic acid, monoester with propane-1,2-diol</u> Skin Sens. 1 H317, Eye Irrit. 2 H319	< 25 %
CAS number: 123-31-9 EC number: 204-617-8 Index number: 604-005-00-4 Registration number: —	<u>hydroquinone</u> Acute Tox. 4 H302, Skin Sens. 1 H317, Eye Dam. 1 H318, Muta. 2 H341, Carc. 2 H351, Aquatic Acute 1 H400 (M=10)	≤ 0,02 %

Full text of each relevant H phrase is given in section 16 of SDS.

## Section 4: First aid measures

## 4.1 Description of first aid measures

Skin contact: take off contaminated clothes and wash it before next use. Wash contaminated skin thoroughly with water and soap. Seek medical advice if disturbing symptoms appear.

Eye contact: protect non-irritated eye, remove contact lenses. Rinse contaminated eyes thoroughly with water, for 10 - 15 minutes. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist.

Ingestion: do not induce vomiting. Rinse mouth with water and drink small quantities of water. Never give anything by mouth to an unconscious person. Consult a doctor, show the label or safety data sheet. If the victim is unconscious, place in recovery position. Get medical attention immediately.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear. Remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear. If the victim is unconscious, place in recovery position. Loosen tight clothing. Get medical attention immediately. Control and maintain airway patency. If breathing stops, give artificial respiration.

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

Skin contact: redness, burning sensation, irritation, allergic reactions.

Eye contact: redness, tearing, pain, blurred vision, irritation.

Ingestion: stomach ache, vomiting, nausea, diarrhoea, irritation of the digestive system.

Inhalation: high concentration of vapors may cause drowsiness, headache, weakening of concentration, irritation of the respiratory tract.

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

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Treat symptomatically. If necessary, use gastric lavage. An exposed person may require medical supervision for 48 hours as symptoms may be delayed.

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## Section 5: Firefighting measures

## 5.1 Extinguishing media

Suitable extinguishing media: Use carbon dioxide and dry extinguishing agents to extinguish a small fire. For larger fires, extinguish with a diffused water jet or alcohol-resistant firefighting foam.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

## 5.2 Special hazards arising from the substance or mixture

During combustion harmful fumes consisting of carbon oxides, nitrogen oxides, phosphorus oxides, metal oxides and other unidentified products of thermal decomposition may be produced. Do not inhale combustion products, it may cause health risk.

## 5.3 Advice for firefighters

High temperature and fire can cause rapid and uncontrolled polymerization, which can lead to explosions and violent rupture of the tank or container. Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water fog from safe distance. Collect used extinguishing media. Do not allow residues of extinguishing agents to enter surface waters, sewage systems, sewage and soil.

## Section 6: Accidental release measures

## 6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area, until the suitable cleaning operations are completed. In case of a large breakdown, isolate the exposed area. Ensure that only the trained personnel removes the effects of the accident. Wear personal protective equipment. Avoid eyes, skin and clothes contamination. Do not breathe vapours. Ensure adequate ventilation. Remove all sources of ignition, extinguish naked flame.

## 6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

## 6.3 Methods and material for containment and cleaning up

Small leakage: if possible and safe, eliminate or reduce the leakage (seal, close the flow of liquid, put the damaged packaging in an emergency container). Collect with a non-flammable absorbent and place in labeled containers. Collected material treat as waste. Clean the leak point with a small amount of water and detergent, rinse with water. Do not allow contaminated water to enter the sewage system. Ventilate the contaminated area.

Large leakage: if possible and safe, eliminate or reduce the leakage. Collect with a non-flammable absorbent (e.g. sand, soil, universal binding agent, silica, scobs etc.) and place in labeled containers. Dispose in accordance with national regulations.

## 6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

## Section 7: Handling and storage

## 7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke at the workplace. Before break and after work wash hands carefully with water and soap. Do not use solvents for cleaning of skin. Do not breathe vapours. Avoid contamination of eyes, skin and clothing. Immediately take off contaminated clothes and wash it before next use. Unused containers keep tightly closed. Eliminate sources of ignition - do not use open fire. Work only in well-ventilated areas.

## 7.2 Conditions for safe storage, including any incompatibilities

Store only in tightly closed containers in a cool, dry and well-ventilated area. Store at room temperature.

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Resealed containers stored upright to prevent leakage. Keep away from food, beverages or feed for animals. Keep away from incompatible materials (see subsection 10.5). Protect from light and direct sunlight, as well as against cold and moisture. For product transfer operations, follow the manufacturer's instructions regarding the process temperature. Do not store near sources of heat and ignition. Store below 26 °C.

**7.3 Specific end use(s)**

No information about other uses than those mentioned in subsection 1.2.

**Section 8: Exposure controls/personal protection****8.1 Control parameters**

Product does not contain components with occupational exposure limit values established on the European Union level.

Legal Basis: Commission Directive 2006/15/EC, 2000/39/EC, 2009/161/EC, 2017/164/EU, 2019/1831/EU.

Please check any national occupational exposure limit values in your country.

**8.2 Exposure controls**Appropriate engineering controls

Observe good occupational hygiene and safety practices. Ensure adequate general and/or local ventilation in the workplace. Do not eat, drink or smoke when using the product. Wash hands thoroughly before breaks and after work. Avoid contamination of skin, eyes and clothing.

Individual protection measures, such as personal protective equipment

The necessity to use and selection of appropriate personal protective equipment should take into account the type of risk posed by the product, working conditions and the way of handling the product. The personal protective equipment used must meet the requirements of Regulation (EU) 2016/425 and the relevant standards. The employer is obliged to provide protection measures appropriate to the activities performed and meeting all quality requirements, including their maintenance and cleaning. Any contaminated or damaged PPE must be replaced immediately.

Hand protection

Use protective gloves EN 374 adequate to the performed task and suitable for the potential hazard. In case of short-term exposure wear the protective gloves with protection level 2 or greater (breakthrough time > 30 min). In case of long-term exposure wear the protective gloves with protection level 6 (breakthrough time > 480 min). Recommended glove material: nitrile rubber (min. thickness 4 mm). The material for gloves should be selected individually at the workplace.

When using protective gloves during work with chemical products, it should be noted that the efficacy levels and corresponding breakthrough times do not indicate actual times of protection at a particular workplace, because the protection can be affected by many factors, e.g. temperature, other substances etc. If there are any signs of degradation, damage or change in appearance (colour, flexibility, shape), it is recommended to replace the gloves with a new pair. Please follow the manufacturer's instructions, not only in terms of gloves' usage, but also in terms of their cleaning, maintenance and storage. It is also important to know how to take off the gloves in order to avoid hands contamination.

Skin protection

Wear protective clothes, resistant to chemicals. Wash contaminated clothing before reuse.

Eye protection

Use safety glasses EN 166 in case of danger of eye contamination or face protection.

Respiratory protection

Not required under normal conditions of work and adequate ventilation. In case of high concentrations of product vapours in the air or an accident, use respiratory protection with a limited vapour absorber.

Thermal hazards

Do not occur.

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Environmental exposure controls

Do not allow the large quantity of mixture to contaminate ground water, sewage systems, sewage and soil. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of the environmental law.

## Section 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

Physical state:	liquid
Colour:	by product range
Odour:	characteristic, acrylic
Melting point/freezing point:	not determined
Boiling point or initial boiling point and boiling range:	≥ 93 °C
Flammability:	the product is not classified in terms of flammability
Lower and upper explosion limit:	not determined
Flash point:	105 °C
Auto-ignition temperature:	not determined
Decomposition temperature:	not determined
pH:	not determined
Kinematic viscosity:	not determined
Solubility:	insoluble in water
Partition coefficient n-octanol/water (log value):	not determined
Vapour pressure:	not determined
Density and/or relative density:	1,10 g/cm <sup>3</sup>
Relative vapour density:	not determined
Particle characteristics:	not applicable

## 9.2 Other information

Volatile organic compound content:	0,8 %
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## Section 10: Stability and reactivity

## 10.1 Reactivity

The product is reactive. Under the influence of high temperature and light, dangerous polymerization can occur. See also subsections 10.3-10.5.

## 10.2 Chemical stability

The product is stable under normal conditions of storage and use.

## 10.3 Possibility of hazardous reactions

In case of excessive heating and exposure to direct sunlight uncontrolled polymerization may occur. Protect from natural light, LED, UV light.

## 10.4 Conditions to avoid

Avoid sources of fire, open flame, excessive heat, sunlight.

## 10.5 Incompatible materials

Polymerisation initiators: strong oxidisers, copper, copper alloys, carbon steel, iron, rust, strong bases, peroxides.

## 10.6 Hazardous decomposition products

Not known.

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## Section 11: Toxicological information

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

Information on acute and delayed effects of exposure were determined on the basis of information on product classification and / or toxicological tests and the knowledge and experience of the manufacturer.

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Information on likely routes of exposure

Routes of exposure: skin contact, eye contact, inhalation, ingestion. For more information on the impact of each possible route of exposure, see subsection 4.2.

Symptoms related to the physical, chemical and toxicological characteristics

See subsection 4.2.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

See subsection 4.2.

## 11.2. Information on other hazards

Endocrine disrupting properties

The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances 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 % by weight.

Other information

No data.

## Section 12: Ecological information

## 12.1 Toxicity

The mixture is not classified as hazardous to the environment.

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## 12.2 Persistence and degradability

No data.

## 12.3 Bioaccumulative potential

No data.

## 12.4 Mobility in soil

Mobility of components of the mixture depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

## 12.5 Results of PBT and vPvB assessment

Substances contained in the product are not assessed as PBT and vPvB.

## 12.6. Endocrine disrupting properties

The product does not contain substances included in the list established in accordance with Article 59(1) for having endocrine disrupting properties, or substances 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 % by weight.

## 12.7. Other adverse effects

The product does not affect global warming or the ozone layer destruction.

**Section 13: Disposal considerations**

## 13.1 Waste treatment methods

Disposal methods for the mixture: do not empty into drains. Do not allow it to contaminate surface and ground water. Do not store on municipal landfills. Reuse or disposal of a waste product should be carried out in accordance with applicable regulations. Store residues in original containers. Do not mix with other waste. Waste code should be assigned in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Re-use, reusable packaging after cleaning. Contaminated packaging should be treated in the same way as the product.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

**Section 14: Transport information**

## 14.1 UN number or ID number

The product is not classified as hazardous for transport by land, sea or air.

## 14.2 UN proper shipping name

Not applicable.

## 14.3 Transport hazard class(es)

Not applicable.

## 14.4 Packing group

Not applicable.

## 14.5 Environmental hazards

Not applicable.

## 14.6 Special precautions for users

Not applicable.

## 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

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## Section 15: Regulatory information

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC as amended.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 as amended.

Commission Regulation (EU) No 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.

Regulation 2016/425/EC of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC (Text with EEA relevance).

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.

Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

Commission Directive 2019/1831/EU of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.

The Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

IMDG Code International Maritime Dangerous Goods Code.

IATA Dangerous Goods Regulations.

## 15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for mixture.

## Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer
H400	Very toxic to aquatic life.

Clarification of aberrations and acronyms

PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance
Acute Tox. 4	Acute toxicity, category 4
Aquatic Acute 1	Hazardous to the aquatic environment, category 1
Carc. 2	Carcinogenicity category 2
Eye Irrit. 2	Serious eye damage/eye irritation, category 2
Eye Dam. 1	Serious eye damage category 1



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Muta. 2                Germ cell mutagenicity category 2  
Repr. 2                Reproductive toxicity, category 2  
Skin Irrit. 2         Skin corrosion/irritation, category 2  
Skin. Sens. 1, 1A    Skin sensitization category 1,1A

**Trainings**

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

**Key literature references and sources of data**

This SDS was prepared on the basis of sheets of the individual components, literature data, online databases as well as our knowledge and experience, taking into account current legislation.

**Procedures used for the mixture classification**

Classification was based on the basis of the physicochemical data and hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

**Additional information**

Date of issue:                                20.07.2023

Safety Data Sheet made by:            THETA Consulting Sp. z o.o. (based on producer's data)

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.