

MARILYNAILS®

Gels with Love

Safety Data Sheet according to Reg. (EU) No 2015/830

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Revision date:15.05.2021/2.0

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

1.1 Product identifier:

MARILYNAILS FIBERFLOW HARDENER

1.2 Relevant identified uses of the mixture and uses advised against:

Nail Gel / for cosmetic use.

1.3 Details of the supplier of the safety data sheet:

MarilyNails Ltd

Soroksári u. 160.H-1095 Budapest

Hungary

Tel: +36 308498576

1.3.1 Details of the supplier of the safety data sheet:

registration@marilynails.com

1.4 Emergency telephone number

Egészségügyi Toxikológiai Tájékoztató Szolgálat (ETTSZ)

call around the clock +36 80 20 11 99 (0-24h)

1097 Budapest, Nagyvárad tér 2.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Skin irrit 2	H315
Acute Tox 4	H312
Skin Sens 1	H317
Eye Irrit 2	H319

For the full text of the H-Statements mentioned in this Section, see Section 16..


2.2 Labelling according to Regulation (EC) No 1272/2008:

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<u>Symbols/Indications of danger:</u>	 <p>Warning</p>
<u>Hazard statements</u>	<p>H312 Harmful in contact with skin H315 Causes skin irritation H317 May cause an allergic skin reaction H319 Causes serious irritation</p>
<u>Precautionary statements</u>	<p>P280: Wear protective gloves / protective clothing / eye protection / face protection. P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P305 + P351 + P338: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 Call a POISON CENTER or doctor/physician if you feel unwell. P501: Dispose of contents and container in accordance with all local, regional, national and international regulations</p>
<u>2.3 Other hazards:</u>	<p>Hazardous ingredients: Polyurethane, acrylate oligomer, 2-hydroxyethyl methacrylate CELLULOSE ACETATE BUTYRATE, Ethylene glycol dimethacrylate</p> <p>There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section</p>

SECTION 3: Composition/information on ingredient

3.2 Mixtures

Hazardous ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Chemical name</u>	<u>INCI</u>	<u>CAS-number</u>	<u>%</u>	<u>GHS classification</u> <u>1272/2008/EC</u>
<u>Polyurethane acrylate</u> <u>oligomer</u>	DI-HEMA TRIMETHYLHEXYL DICARBAMATE	72869-86-4	25-50	Skin Sens 1H317 Skin Irrit 2 H315 Eye Irrit 2 H319
<u>2-Hydroxyethyl</u> <u>Metacrylate</u>	HEMA	868-77-9	10-25	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3 H335
<u>CELLULOSE ACETATE</u> <u>BUTYRATE</u>	CELLULOSE ACETATE BUTYRATE	9004-36-8	10-16	Acute Tox. 4, H312

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<u>TPO</u>	<i>Trimethylbenzoyl diphenylphosphine oxide</i>	75980-60-8	≤ 1	<i>Repr. 2, H361f (Fertility, causing atrophy of the testes)</i>
<u>Ethylene glycol dimethacrylate</u>	<i>Glycol HEMAmethacrylate</i>	97-90-5		<i>Skin Sens. 1, H317 STOT SE 3, H335</i>
For the full text of the H-Statements mentioned in this Section, see Section 16..				

SECTION 4: First aid measures

4.1. Description of first aid measures

<i>General information</i>	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice
<i>After inhalation</i>	Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.
<i>After contact with skin</i>	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners
<i>After contact with eyes</i>	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
<i>After ingestion</i>	If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting
<i>Protection of first-aiders</i>	No action shall be taken involving any personal risk or without suitable training

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

<i>If inhaled</i>	<i>May cause respiratory irritation.</i>
<i>In case of skin contact</i>	<i>Causes skin irritation. May cause an allergic skin reaction.</i>
<i>In case of eye contact</i>	<i>Causes serious eye irritation</i>
<i>If swallowed</i>	<i>Irritating to mouth, throat and stomach</i>

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

<i>Treatment</i>	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled
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SECTION 5: Firefighting measures

5.1. Extinguishing media

<u><i>Suitable extinguishing media</i></u>	Recommended: alcohol-resistant foam, CO2 powders, water spray.
<u><i>Unsuitable extinguishing media</i></u>	Do not use water jet.

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<u>5.2. Special hazards arising from the substance or mixture</u>	In a fire or if heated, a pressure increase will occur and the container may burst Decomposition products may include the following materials: carbon dioxide, carbon monoxide
<u>5.3. Advice for firefighters</u>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

<u>6.1. Personal precautions, protective equipment and emergency procedures</u>	<u>6.1.1. For non-emergency personnel</u> Avoid breathing vapour or mist. Refer to protective measures listed in sections 7 and 8.
	<u>6.2.1. For emergency responders</u> If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel"..
<u>6.2. Environmental precautions</u>	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
<u>6.3. Methods and material for containment and cleaning up</u>	<u>Small spill</u> : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licen sed waste disposal contractor
	<u>Large spill</u> : Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.
<u>6.4. Reference to other sections</u>	See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information

SECTION 7: Handling and storage

<u>7.1. Precautions for safe handling</u>	<u>Protective measures</u> Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container
	<u>Advice on general occupational hygiene</u> Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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7.2. Conditions for safe storage, including any incompatibilities	Requirements for storage areas and containers
7.3. Specific end use(s)	Not available.
	Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limit values No exposure limit value known.

DNEL/DMEL values Not available

PNEC values Not available

8.2 Exposure controls

8.2.1 General protective measures

Good general ventilation should be sufficient to control worker exposure to airborne contaminants

8.2.2 Individual protection measures

8.2.2.1. Eye/face protection

Use safety eyewear designed to protect against splash of liquids.

8.2.2.2. Skin protection:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location

8.2.2.3. Respiratory protection

Usually no respiratory protection required. respiratory protection in case of dust or spray mist formation. (particle filter EN143 type P2). respiratory protection in case of vapour

8.2.3 Environmental exposure controls

Do not allow to enter drains or watercourses

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state :

Viscous liquid.

Colour :

see label

Odour

Characteristic. Acrylate odour.

Odour threshold :

No data available.

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<u>pH value</u> :	No data available.
<u>pour point</u> :	No data available.
<u>Boiling point</u> :	No data available.
<u>Flash point</u> :	Closed cup: >93.3°C
<u>Evaporation rate</u> :	No data available.
<u>Lower explosion limit</u> : <u>Upper explosive limit</u>	No data available.
<u>Vapour pressure</u> :	No data available.
<u>Vapour density</u>	No data available.
<u>density</u>	1,1
<u>Solubility in water</u> :	Insoluble
<u>Octanol/water partition coefficient (log Pow)</u> :	No data available.
<u>Self-ignition temperature</u> :	No data available.
<u>Thermal decomposition</u> :	No data available.
<u>Viscosity</u>	No data available.
<u>Explosive properties</u> :	No data available.
<u>Oxidizing properties</u> :	No data available.
9.2 Other information : No additional information.	

SECTION 10: Stability and reactivity

<u>10.1. Reactivity</u>	No specific test data related to reactivity available for this product or its ingredients
<u>10.2. Chemical stability</u>	Stable under normal conditions of storage and use
<u>10.3. Possibility of hazardous reactions</u>	Hazardous polymerisation may occur under certain conditions of storage or use. This may cause the exothermic polymerisation of the product. Avoid accidental contact with the product.
<u>10.4. Conditions to avoid</u>	Exposure to light, incompatible materials
<u>10.5. Incompatible materials</u>	strong oxidizing agents

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<u>10.6. Hazardous decomposition products</u>	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
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SECTION 11: Toxicological information

<u>11.1. Information on toxicological effects</u>	
There are no data available on the mixture itself. The mixture is not classified as dangerous according to Directive 1999/45/EC and its amendments. If splashed in the eyes, the liquid may cause irritation and reversible damage. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact	
<u>Acute toxicity</u>	<i>2-hydroxyethyl methacrylate LD50 Oral Rat 5050 mg/kg - Ethylene glycol dimethacrylate LD50 Oral Rat 3300 mg/kg</i>
<u>Irritant effect on skin</u>	No specific data
<u>Irritant effect on eyes</u>	No specific data
<u>Sensitisation</u>	No specific data
<u>Mutagenicity</u>	No specific data
<u>Carcinogenicity</u>	No specific data
<u>Reproductive toxicity</u>	No specific data
<u>Teratogenicity</u>	No specific data
<u>Specific target organ toxicity (single exposure)</u>	<i>Ethylene glycol dimethacrylate Category 3 Respiratory tract irritation</i>
<u>Specific target organ toxicity (repeated exposure)</u>	No specific data
<u>Aspiration hazard</u>	No specific data
<u>Other information</u>	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels

SECTION 12: Ecological information

<u>12.1. Toxicity</u>	<i>2-hydroxyethyl methacrylate Acute LC50 227000 µg/l Fresh water Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling) 96 hours</i>
<u>12.2. Persistence and degradability</u>	No information available
<u>12.3. Bioaccumulative potential</u>	<i>2-hydroxyethyl methacrylate LogPow 0.42 - low TPO – BCF 53 to 72 low Ethylene glycol dimethacrylate LogPow 1.87 - low</i>
<u>12.4. Mobility in soil</u>	No information available
<u>12.5. Results of PBT and vPvB assessment</u>	No information available
<u>12.6. Other adverse effects</u>	No information available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods	<p><u>Product</u></p> <p><u>Methods of disposal</u> The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction</p> <p>Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.</p>
	<p><u>Packaging</u></p> <p><u>Methods of disposal</u> The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible</p>
	<p><u>European waste catalogue (EWC)</u></p> <p>CEPE Paint Guidelines</p> <p>15 01 10* packaging containing residues of or contaminated by dangerous substances</p>
	<p><u>Special precautions</u></p> <p>This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers</p>

SECTION 14: Transport information

ADR;RID;ADN;IMDG;ICAO	<i>This product is NOT classified as dangerous goods</i>
<u>14.1 UN number</u>	-
<u>14.2. Proper shipping name:</u>	-
<u>14.3. Transport hazard class</u>	-

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14.4. Packing group	-
14.5. Environmental hazards	-
14.6. Special precautions	-
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	-

SECTION 15: Regulatory information

<p>15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture</p>	<p><u>1223/2009/EEC: Regulation on cosmetic products</u></p> <p>EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorisation</p> <p>Substances of very high concern None of the components are listed</p> <p>International regulations: Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18.12.2006 concerning the Registration, Evaluation, Authorisation 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 (the text of the REACH Regulation, OJ 396/1 of 30.12.2006r.) 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. European Agreement concerning the international carriage of dangerous goods by road (ADR) (appendix to Dz.U.2011 No 110, pos. 641) REGULATION (EU) No 528/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 May 2012 concerning the making available on the market and use of biocidal products.</p>
<p>15.2 Chemical Safety Assessment</p>	<p>Chemical safety assessment was prepared neither for the ingredients, nor for the product itself.</p>

SECTION 16: Other information

Observe national and local legal requirements

Legend

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

DMEL Chemical Abstracts Service

DNEL Derived No Effect Level

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GHS Globally Harmonized System
PBT Persistent, Bioaccumulative, Toxic

Full wording of H, EUH, Phrases

H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H361f Suspected of damaging fertility.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Skin irrit 2	calculation method
Skin Sens 1	calculation method
Eye Irrit 2	calculation method
STOT SE 3	calculation method

Full text of classifications [CLP/GHS]

Acute Tox. 4, H312 ACUTE TOXICITY (dermal) - Category 4
Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2
Repr. 2, H361f TOXIC TO REPRODUCTION (Fertility) - Category 2
Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1, H317 SKIN SENSITIZATION - Category 1
Skin Sens. 1A, H317 SKIN SENSITIZATION - Category 1A
STOT SE 3, H335 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)
(Respiratory tract irritation) - Category 3

Note of supplier of material safety data sheet

Note: Since the product is marketed as a cosmetic product, thus, it is out of scope of CLP regulation 1272/2008. However, in order to facilitate the chemical risk assessment of work places for professional users, the classification and labelling elements in accordance with CLP are included but only referential.

The product is labelled in accordance with 1223/2009/EEC. The product is intended only for professional use.

This MSDS is based on data of the original safety data sheet provided by the manufacturer, using the up-to-date version of regulation 1907/2006. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product, therefore it cannot be used to verify quality compliance. Marilynails Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.