

Luminary Multi-Flex Gel

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 9/13/2024 Revision date: 4/24/2025 Supersedes: 9/13/2024 Version: 1.1

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : Luminary Multi-Flex Gel

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Professional use only, external use only, keep out of the reach of children

1.4. Supplier's details

VanDahl Inc.
350 Sunpac Ct. Suite 2
Henderson , NV 89011
T 702-553-6463
info@luminarynailsystems.com

1.5. Emergency phone number

Emergency number : For Hazardous Materials or Dangerous Goods Incident
Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC
Day or Night: 1-800-424-9300 (Toll Free, USA) /
703-527-3887 (Virginia, USA) CCN 1018977

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Skin sensitization, Category 1	H317	May cause an allergic skin reaction.

Full text of H statements : see section 16

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2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US)

:



Signal word (GHS US)

:

Warning

Hazard statements (GHS US)

:

May cause an allergic skin reaction

Causes skin irritation

Causes serious eye irritation

Precautionary statements (GHS US)

:

Wash hands thoroughly after handling.

Wear eye protection, protective gloves.

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

If eye irritation persists: Get medical advice or attention.

If on skin: Wash with plenty of soap and water.

If skin irritation or rash occurs: Get medical advice or attention.

Take off immediately all contaminated clothing and wash it before reuse.

Collect spillage.

Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Bis-Hydroxyethyl Methacrylate Poly (Neopentyl Glycol Adipate)/IPDI Copolymer	CAS-No.: 82339-16-0	≤ 45	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Trimethylpropane Trimethacrylate	CAS-No.: 3290-92-4	≤ 13	Aquatic Chronic 2, H411
Bis(methacryloyloxyethyl) Phosphate	CAS-No.: 32435-46-4	≤ 5	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 STOT SE 3, H335 Aquatic Chronic 3, H412
Hydroxycyclohexyl Phenyl Ketone	CAS-No.: 947-19-3	≤ 3	Aquatic Chronic 3, H412

Full text of hazard classes and H-statements : see section 16

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SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	:	If you feel unwell, seek medical advice. First aider: Pay attention to self-protection. Never give anything by mouth to an unconscious person. Induce artificial respiration with mask fitted with one-way valve or other suitable device but not mouth-to-mouth.
First-aid measures after inhalation	:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If the victim is unconscious : Lay in a stable manner on victim's side. Induce artificial respiration with mask fitted with one-way valve or other suitable device; not mouth-to-mouth. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	:	Remove affected clothing and wash all exposed skin areas with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
First-aid measures after eye contact	:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	:	Call a poison center/doctor/physician if you feel unwell. Do NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	:	Not expected to present a significant ingestion hazard under anticipated conditions of normal use.
Symptoms/effects after skin contact	:	May cause an allergic skin reaction. Causes skin irritation.
Symptoms/effects after eye contact	:	May cause eye irritation.
Symptoms/effects after ingestion	:	May cause irritation to the digestive tract.
Most Important Symptoms/Effects	:	May cause an allergic skin reaction. Causes skin and eye irritation.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	:	IF exposed or concerned: Get medical advice/attention.
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	:	Carbon dioxide (CO ₂), dry chemical powder, foam.
Unsuitable extinguishing media	:	Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	:	No fire hazard.
Reactivity in case of fire	:	Stable under normal conditions of use.
Hazardous decomposition products in case of fire	:	Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	:	Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. Move containers from fire area if it can be done without personal risk. Prevent fire-fighting water from entering environment.
Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. Use self-contained breathing apparatus and chemically protective clothing.

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SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area. Do not take actions involving personal risks. Avoid all personal contact including breathing in the vapors. Stop leak if safe to do so. Absorb spillage to prevent material-damage. Notify authorities if product enters sewers or public waters.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Evacuate the danger area. If possible without taking personal risks, remove ignition sources. Prevent other non-emergency personnel from entering the danger area. Ventilate spillage area.

For emergency responders

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

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment : Contain with non-combustible inert absorbent. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Dry chemical, soda ash or lime. Stop leak, if possible without risk.

Methods for cleaning up : Take up in non-combustible inert absorbent and place into container for disposal. Contaminated absorbent material may pose the same hazard as the spilt product. Decontaminate surfaces and equipment with water and detergent. Until a sufficient level of dilution is achieved, the decontamination water may pose the same hazards as the product. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

For further information refer to section 8: "Exposure controls/personal protection", For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Wear personal protective equipment. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Take precautionary measures against static discharge. Avoid contact with skin, eyes and clothing. Avoid breathing fume, vapors.

Hygiene measures : Always wash hands after handling the product. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including incompatibilities

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Storage conditions	: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Store in a cool, dry and well-ventilated area away from incompatible substances. Protect from sunlight. Keep container tightly closed. Use explosion-proof equipment.
Incompatible materials	: Strong oxidizers. Strong alkalis. Strong acids. Peroxides.
Packaging materials	: Store always product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station. Handle in accordance with good industrial hygiene and safety procedures. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Environmental exposure controls	: Avoid release to the environment. Take measures to reduce or limit air emissions and releases to soil and the aquatic environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Personal protective equipment should be chosen according to national standards and in discussion with the supplier of the protective equipment. Wear recommended personal protective equipment.

Materials for protective clothing:

Wear suitable protective clothing

Hand protection:

Hand protection should be chosen depending on activity. Chemically impervious gloves as described by OSHA's hand protection regulations in 29 CFR 1910.138. Nitrile rubber gloves

Eye protection:

Safety glasses. Wear safety glasses which protect from splashes

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Self-contained breathing apparatus

Personal protective equipment symbol(s):



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SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Gel.
Color	: Clear or Pigmented
Odor	: Minimal
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

Trimethylopropane Trimethacrylate

Particle characteristics	No data available
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Bis(methacryloyloxyethyl) Phosphate

Particle characteristics	No data available
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Hydroxycyclohexyl Phenyl Ketone

Particle characteristics	No data available
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Bis-Hydroxyethyl Methacrylate Poly (Neopentyl Glycol Adipate)/IPDI Copolymer

Particle characteristics	No data available
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9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

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SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Incompatible materials.

10.5. Incompatible materials

Strong acids. Strong alkalis. Strong oxidizers. Peroxides.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates: Carbon dioxide. Carbon monoxide.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Hydroxycyclohexyl Phenyl Ketone

LD50 oral	> 2500 mg/kg weight
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LD50 dermal	> 5000 mg/kg weight
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LC50 Inhalation	> 1 mg/l air
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Skin corrosion/irritation	: Causes skin irritation.
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Hydroxycyclohexyl Phenyl Ketone

pH	5.7
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Serious eye damage/irritation	: Causes serious eye irritation.
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Hydroxycyclohexyl Phenyl Ketone

pH	5.7
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Respiratory or skin sensitization	: May cause an allergic skin reaction.
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Germ cell mutagenicity	: Not classified
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Carcinogenicity	: Not classified
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Reproductive toxicity	: Not classified
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Trimethylopropane Trimethacrylate

NOAEL (F0/P)	≥ 1000 mg/kg weight
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STOT-single exposure	:	Not classified
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Bis(methacryloyloxyethyl) Phosphate

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure	:	Not classified
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Trimethylopropane Trimethacrylate

LOAEL (oral,90 days)	1000 mg/kg weight
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LOAEL (dermal,90 days)	300 mg/kg weight
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NOAEL (oral,90 days)	300 mg/kg weight
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NOAEL (dermal,90 days)	300 mg/kg weight
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Hydroxycyclohexyl Phenyl Ketone

NOAEL (oral,90 days)	300 mg/kg weight
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Aspiration hazard	:	Not classified
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Viscosity, kinematic	No data available
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Trimethylopropane Trimethacrylate

Viscosity, kinematic	No data available
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Bis(methacryloyloxyethyl) Phosphate

Viscosity, kinematic	No data available
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Hydroxycyclohexyl Phenyl Ketone

Viscosity, kinematic	No data available
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Bis-Hydroxyethyl Methacrylate Poly (Neopentyl Glycol Adipate)/IPDI Copolymer

Viscosity, kinematic	No data available
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Symptoms/effects after inhalation	:	Not expected to present a significant ingestion hazard under anticipated conditions of normal use.
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Symptoms/effects after skin contact	:	May cause an allergic skin reaction. Causes skin irritation.
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Symptoms/effects after eye contact	:	May cause eye irritation.
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Symptoms/effects after ingestion	:	May cause irritation to the digestive tract.
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Most Important Symptoms/Effects	:	May cause an allergic skin reaction. Causes skin and eye irritation.
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SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general	:	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	:	Not classified
Hazardous to the aquatic environment, long-term (chronic)	:	Not classified

Trimethylopropane Trimethacrylate

LC50 - [1]	2 mg/l
EC50 - [1]	> 9.22 mg/l

Hydroxycyclohexyl Phenyl Ketone

LC50 - [1]	58.426 mg/l
EC50 - [1]	53.9 mg/l
EC50 72h - Algae [1]	14.4 mg/l
EC50 72h - Algae [2]	4.68 mg/l
EC50 96h - Algae [1]	41.382 mg/l

12.2. Persistence and degradability

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Persistence and degradability	Not rapidly degradable
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Trimethylopropane Trimethacrylate

Persistence and degradability	Not rapidly degradable
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Bis(methacryloyloxyethyl) Phosphate

Persistence and degradability	Not rapidly degradable
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Hydroxycyclohexyl Phenyl Ketone

Persistence and degradability	Not rapidly degradable
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Bis-Hydroxyethyl Methacrylate Poly (Neopentyl Glycol Adipate)/IPDI Copolymer

Persistence and degradability	Not rapidly degradable
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12.3. Bioaccumulative potential

Hydroxycyclohexyl Phenyl Ketone

Partition coefficient n-octanol/water (Log Pow)	2.44
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12.4. Mobility in soil

No additional information available

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12.5. Other adverse effects

Ozone	:	Not classified
Fluorinated greenhouse gases	:	No

SECTION 13 Disposal considerations

Regional waste regulation	:	Disposal must be done according to official regulations.
Waste treatment methods	:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	:	Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	:	Disposal must be done according to official regulations. Dispose of this material and its container at hazardous or special waste collection point. Refer to all applicable national, international and local regulations or provisions.
Additional information	:	Do not re-use empty containers.
Ecological waste information	:	Avoid release to the environment.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
	Not regulated	
No supplementary information available		

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

Not regulated

IMDG

Not regulated

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IATA

Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

Trimethylopropane Trimethacrylate (3290-92-4)

Listed on the Canadian DSL (Domestic Substances List)

Bis(methacryloyloxyethyl) Phosphate (32435-46-4)

Listed on the Canadian DSL (Domestic Substances List)

Hydroxycyclohexyl Phenyl Ketone (947-19-3)

Listed on the Canadian DSL (Domestic Substances List)

Bis-Hydroxyethyl Methacrylate Poly (Neopentyl Glycol Adipate)/IPDI Copolymer (82339-16-0)

Listed on the Canadian NDSL (Non-Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Hydroxycyclohexyl Phenyl Ketone (947-19-3)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations



WARNING:

This product can expose you to Titanium dioxide (airborne, unbound particles of respirable size), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

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Full text of hazard classes and H-statements	
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Indication of changes:
HazCom 2024. Emergency number.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.