

MATERIAL SAFETY DATA SHEET

[According to Regulation (EC) No 1907/2006 of the European Parliament]

Section 1: Identification of the preparation and of the company

1.1. Identification of the substance or preparation

Product name Blue Gel
Product code 1150+1151

1.2. Use of substance/preparation

UV nail gel

1.3. Company/ undertaking identification

Manufacturer: Finger Fashion Nailcare e.K.
Moltkestr. 11
D-66333 Völklingen

Telephone: +49 6898 44820 0
Website: www.finger-fashion.de
e-mail: info@finger-fashion.de

1.4. Emergency telephone

112 (emergency number)

Section 2: Hazards Identification

2.1. Classification of the substances or composition

Classification according to WE/1272/2008 (CLP):

Skin Irrit. 2	H315	Causes skin irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Eye Irrit. 2	H319	Causes serious eye irritation.
STOT SE 3	H335	May cause respiratory irritation.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

2.2. Labelling

GHS/CLP Classification



Hazard statements:

Skin Irrit. 2	H315	Causes skin irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Eye Irrit. 2	H319	Causes serious eye irritation.
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Precautionary statements:

- P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
- P233 Keep container tightly closed.
- P235 Keep cool.
- P270 Do not eat, drink or smoke when using this product.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P403 Store in a well-ventilated place.

2.3. Other hazards

Not determined.

Section 3: Composition/ Information of ingredients

3.2. Composition

Chemical Identity and concentration range	CAS No.	WE No.	GHS/CLP
Aliphatic Urethane Methacrylate 30.0-40.0	82339-26-2	N/E	Skin Irrit. 2 H315 Eye Irrit. 2 H319 Aquatic Chronic 2 H411
Urethane Acrylate 25.0-35.0	N/E	N/E	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 STOT SE 3 H335 Aquatic Chronic 3 H412
Urethane Acrylate Oligomer 10.0-15.0	73324-00-2	N/E	Eye Irrit. 2 H319
Trimethylolpropane Trimethacrylate 10.0-15.0	3290-92-4	221-950-4	Aquatic Chronic 2 H411
Tripropylene Glycol Diacrylate 5.0-7.0	42978-66-5	256-032-2	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319 STOT SE 3 H335 Aquatic Chronic 3 H412
Silica 3.0-5.0	60676-86-0	N/E	N/E
Benzophenone 1.0-3.0	119-61-9	204-337-6	Skin Irrit. 2 H315 Eye Irrit. 2 H319 Aquatic Chronic 3 H412
Benzoyl isopropanol 1.0-3.0	7473-98-5	231-272-0	Acute Tox. 4 H302
Methacrylic Acid 0.1-1.0	79-41-4	201-204-4	Acute Tox. 4 H302 Acute Tox. 3 H311 Skin Corr. 1A H314 Acute Tox. 4 H332 STOT SE 3 H335
Hydroxycyclohexyl phenyl ketone 0.1-1.0	947-19-3	213-426-9	N/E
Polyether acrylate	N/E	N/E	Acute Tox. 4 H302, Skin Sens. 1 H317, Eye Irrit. 2 H319
Diopropylene Glycol Diacrylate 0.1-1.0	57472-68-1	260-754-3	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319
Polyester Acrylate	N/E	N/E	N/E

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May contain		CAS No.	WE No.	GHS/CLP
CI 74160	<0.1%	147-14-8	205-685-1	Skin Sens. 1 H317
CI 51319	<0.1%	6358-30-1	228-767-9	Skin Sens. 1 H317
CI 56110	<0.1%	84632-65-5	401-540-3	Skin Sens. 1 H317
CI 15850	<0.1%	5858-81-1	227-497-9	Skin Sens. 1 H317

Full text of R-phrases is provided in section 16.

Section 4: First aid measures

4.1. Description of first aid measures

First aid for skin:

Remove contaminated clothing and wash contact area with soap and water for 15 minutes.

First aid for eye:

Flush with plenty of water for 15 minutes and seek medical attention.

First aid in case of ingestion:

If appreciable quantities are swallowed, seek medical attention.

First aid in case of inhalation:

In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention.

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

Skin contact:

In case of prolonged contact: redness, dryness, allergic reactions.

Eye contact:

Tearing, burning, redness, irritation.

Ingestion:

Gastric problems, nausea, vomiting.

Inhalation:

Headaches and dizziness.

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

After thorough examination of the casualty the doctor decides what rescue proceedings should be taken.

Section 5: Fire-fighting Measures

5.1. Extinguishing media:

Use carbon dioxide or dry chemical for small fires; aqueous foam for large fires.

5.2. Special hazards arising from the substance or mixture:

High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of storage vessels or containers. Avoid the use of a stream of water to control fires since frothing can occur.

5.3. Advice for fire-fighters:

Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapours or products of combustion exists.

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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Spontaneous polymerization can occur. Eliminate ignition sources. Use eye and skin protection.

US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EU.

6.2. Environmental precautions

Place leaking containers in a well ventilated area. Dike and recover large spills.

6.3. Methods and material for containment and cleaning up

Soak up small spills with inert solids (such as vermiculite, clay) and sweep/shovel into disposal container. Wash spill area with strong detergent and water solution; rinse with water, but minimize water use during clean-up. Do not flush to sewer!

6.4. Reference to other sections

Disposal of the product - Section 13
Personal protection – Section 8

Section 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid breathing vapour. Keep container closed when not in use. Product extremely light sensitive avoid exposure to light. Remove all contaminated clothing, shoes, belts and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of increased penetration potential.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool place, away from heat and light. Store at temperatures below 100°F.

7.3. Specific end use(s)

Nail gel.

Section 8: Exposure controls/ personal protection

8.1. Control parameters

The product composition has no components subject to control exposure in the work place.

8.2. Exposure controls

To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product.

8.2.1. Occupational exposure controls

Respiratory protection

A NIOSH/MSHA approved air purifying respirator with an organic vapour cartridge or canister may be permissible under certain limited circumstances where airborne

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concentrations are expected to exceed exposure limits. Protection provided by nuisance level organic vapor dust masks can be used, however the use of the respirator is limited. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

Hand protection

Wear impervious gloves (Neoprene).

Eye protection

Wear chemical splash goggles.

Skin protection

Wear impervious clothes.

8.2.2. Environmental exposure controls

Do not allow to enter large amounts of ground water, sewage, waste or soil.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	color gel
Odour & Odour Threshold	characteristic acrylate odour
PH	no data
Viscosity	no data
Decomposition/Temperature	no data
Octanol/Water Partitioning Coefficient Log Po/w	no data
Vapour Pressure:	no data
Vapour Density	no data
Evaporation Rate	no data
Ignition	no data
Solubility In Water (20°C)	no data
Flash Point (°F/°C)	no data
Flammable Limit (vol%)	no data
Auto-ignition Temperature	no data

9.2. Other information

No data.

Section 10: Stability and reactivity

10.1. Reactivity:

The product reacts with strong oxidizing agents, reducing agents, bases, acids.

10.2. Chemical stability:

The product is stable under recommended transport or storage conditions.

10.3. Possibility of hazardous reactions:

Uncontrolled polymerization.

10.4. Conditions to avoid:

Storage >100°F, exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.

10.5. Incompatible materials:

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Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and string bases.

10.6. Hazardous decomposition products:

No data.

Section 11: Toxicological information

11.1. Information on toxicological effects:

Acute Oral Toxicity	No information available
Acute Dermal Toxicity	No information available
Acute Inhalation Toxicity	No information available
Skin contact:	In case of prolonged contact: redness, dryness, allergic reactions
Eye contact:	May cause tearing, burning, redness, irritation
Ingestion:	May cause gastric problems, nausea, vomiting
Inhalation:	May cause headaches and dizziness
Sensitization	N/DA
Mutagenicity	N/DA
Sub-chronic Toxicity	N/DA

Section 12: Ecological Information

12.1. Toxicity

Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

12.2. Persistence and degradability

No data.

12.3. Bioaccumulative potential

Bioaccumulation potential.

12.4. Mobility in soil

Mobility in soil and water is low.

12.5. Results of PBT assessment

Not include.

12.6. Other adverse effects

Not tested.

Section 13: Disposal considerations

13.1. Waste treatment methods

Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the generators responsibility to determine what is classified as a hazardous waste. Comply with all federal, state, and local regulations.

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Dispose of dicing materials and absorbent in compliance with state, local, and federal regulations. Residual vapours may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate.

Section 14: Transport information**14.1. UN number**

The product is not classified as dangerous during transport.

14.2. UN proper shipping name

The product is not classified as dangerous during transport.

14.3. Transport hazard class(es)

The product is not classified as dangerous during transport.

14.4. Packing group

The product is not classified as dangerous during transport.

14.5. Environmental hazards

Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

14.6. Special precautions for user

No data available.

Section 15: Regulatory information

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP and ODS's), as defined by the U.S. Clean Air Act: <ul style="list-style-type: none">• Benzophenone, CAS# 119-61-9 (SOCMI)
Clean Water Act: Priority Pollutant	This product contains no chemicals listed under the U. S. Clean Water Act Priority Pollutant List.
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are: <ul style="list-style-type: none">• Immediate (acute) health hazard• Delayed (chronic) health hazard• Reactive hazard
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 304 as extremely hazardous chemical for emergency release notification (" CERCLA" List)
SARA Title III: Section 311-312:	This product is considered hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are: <ul style="list-style-type: none">• Immediate (acute) health hazard• Delayed (chronic) health hazard• Reactive hazard
SARA Title III: Section 313:	This product contains no chemicals 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.
TSCA Section 8(b): Inventory: TSCA Significant New Use Rule:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals listed have a SNUR under TSCA..

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International Regulations:

CDSL: Canadian Inventory (on Canadian Transitional List)	Titanium dioxide CAS # 13463-67-7 is on the DSL list. WHMIS = n/da Hydroxycyclohexyl phenyl ketone CAS #947-19-3 is on the DSL list. WHMIS = n/da Benzophenone, CAS #119-61-9 is on the DSL list. WHMIS = n/da
EINECS: European Inventory:	Hazard 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. Precautionary statements: P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking; P233 Keep container tightly closed; P235 Keep cool; P270 Do not eat, drink or smoke when using this product; P280 Wear protective gloves/protective clothing/eye protection/face protection; P403 Store in a well-ventilated place.

Section 16: Other information

Full range of H-Phrases from Section 2 and 3.

Acute Tox. 4	H302	Harmful if swallowed.
Acute Tox. 3	H311	Toxic in contact with skin.
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.
Eye Irrit. 2	H319	Causes serious eye irritation.
Acute Tox. 4	H332	Harmful if inhaled.
STOT SE 3	H335	May cause respiratory irritation.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

P-Phrases

P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P233	Keep container tightly closed.
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P270	Do not eat, drink or smoke when using this product.
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- Supply one copy of this form to each one of his own Customers for this product.
- Ask for these same Customers to inform in turn their own Employees and Customers.

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