



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 Optima Titanium Make up light
Product code 1147-01

1.2. Use of substance/preparation

UV nail gel

1.3. Company/ undertaking identification

Manufacturer: Finger Fashion Nailcare e.K.
Moltkestr. 11
66333 Völklingen
Telephone: 06898- 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



Signal word: Warning

Hazard statements:

Skin Irrit. 2	H315	Causes skin 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 Classification
Urethane Methacrylate	40.0-45.0%	72869-86-4	N/E	Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2 H319
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	8.0-12.0%	73324-00-2	N/E	N/E
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	2.0-4.0%	7631-86-9	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
Hydroxycyclohexyl Phenyl Ketone	0.1-0.8%	947-19-3	213-426-9	N/E
Isobornyl Acrylate	0.1-0.8%	5888-33-5	227-561-6	Skin Irrit. 2 H315; Eye Irrit. 2 H319; STOT SE 3 H335; Aquatic Chronic 2 H411
Polyether Acrylate	0.1-0.8%	N/E	N/E	Acute Tox. 4 H302, Skin Sens. 1 H317 Eye Irrit. 2 H319
Dipropylene Glycol Diacrylate		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
CI 77891	0.01-0.1%	13463-67-7	236-675-5	Skin Sens. 1 H317
CI 15850	0.001-0.01%	5858-81-1	227-497-9	Skin Sens. 1 H317
CI 77266	0.001-0.01%	1333-86-4	215-609-9	Skin Sens. 1 H317

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

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Section 4: First aid measures

4.1. Description of first aid measures

First aid for skin:

Remove contaminated clothing and wash immediately contact area with soap and water for 15 minutes. If irritation persists seek medical attention.

First aid for eye:

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

First aid in case of ingestion:

Do not induce vomiting. Rinse the mouth with water. If appreciable quantities are swallowed or if you feel unwell, seek medical attention.

First aid in case of inhalation:

Remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention. If symptoms persist 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, diarrhea.

Inhalation:

Headaches and dizziness.

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

After a 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, dry chemical, aqueous foam. Do not use water stream.

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. Cool containers with water spray.

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. Do not allow run-off from fire fighting to enter drains or water courses.

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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. Provide adequate ventilation. Avoid breathing fumes.

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.

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 a disposal container. Wash spill area with a 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, eyes and breathing vapours. Product extremely light sensitive - avoid exposure to light. Keep container closed when not in use. 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 sources. Store at temperatures below 100°F.

7.3. Specific end use(s)

No data.

Section 8: Exposure controls/ personal protection

8.1. Control parameters

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

8.2. Exposure controls

To identify additional Personal Protective Equipment 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.

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8.2.1. Occupational exposure controls

Respiratory tract protection

In case of insufficient ventilation wear adequate self-breathing apparatus.

Hand protection

Wear impervious gloves (recommended material: neoprene). Do not wear natural rubber gloves.

Eye protection

Wear chemical splash safety goggles. Do not wear contact lenses when using the product.

Skin protection

Wear impervious protective clothing with long sleeves.

8.2.2. Environmental exposure controls

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

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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

9.2. Other information

No data.

Section 10: Stability and reactivity

10.1. Reactivity:

The product is stable under recommended transport or storage conditions.

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, heat, sparks, open flame.

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Empty containers represent a fire hazard as they may contain residual product and flammable vapours. They may explode during contact with any source of ignition. Do not cut, drill, or weld nearby the container. Dispose of empty containers in an authorized landfill or incinerate in accordance with local regulations.

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

The product is not classified as dangerous during transport.

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 (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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10.5. Incompatible materials:

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

10.6. Hazardous decomposition products:

Carbon oxide, carbon dioxide, nitrogen oxides.

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:	May cause redness, dryness, allergic reactions
Eye contact:	May cause tearing, burning, redness, irritation
Ingestion:	May cause gastric problems, nausea, vomiting, diarrhea
Inhalation:	May cause headaches and dizziness
Sensitization	N/DA
Mutagenicity	N/DA
Sub-chronic Toxicity	N/DA

Section 12: Ecological Information

12.1. Toxicity

Toxic 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 applicable.

12.6. Other adverse effects

Not tested.

Section 13: Disposal considerations

13.1. Waste treatment methods

Do not allow to enter natural environment. Dispose of waste material in accordance with local and national regulations.

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International Regulations:

EINECS: European Inventory:	<p>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</p> <p>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</p>
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Section 16: Other information

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

Acute Tox. 4	H302	Harmful if swallowed.
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.
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P-Phrases

P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
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