



# 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** Colour Gel 102+103+104+105+12N  
**Product code** 1201-102/ -103/ -104/ -105/ -12N

### 1.2. Use of substance/preparation

LED Gel for nails.

### 1.3. Company/ undertaking identification

**Manufacturer:** Finger Fashion Nailcare e.K.  
 Moltkestr. 11  
 66333 Völklingen, Germany  
 +49 6898 44820 0  
**Telephone:**  
**Website:** [www.finger-fashion.de](http://www.finger-fashion.de)  
**e-mail:** [info@finger-fashion.de](mailto: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



**Signal word: Warning**

#### **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.
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.

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Product Name: Colour Gel 102+103+104+105+12N  
 Product code: 1201-102/ -103/ -104/ -105/ -12N      Version: 1.3.5./EN      Former Date: 05.08.2015  
 Manufacturer: Finger Fashion Nailcare e.K.  
 Address: Moltkestr. 11 66333 Völklingen Germany      Telephone: +49 6898 44820 0

**Precautionary statements:**

- P233      Keep container tightly closed.
- P235      Keep cool.
- P270      Do no 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 hazardous**

Not determined

**Section 3: Composition/ Information of ingredients**

**3.2. Composition**

Chemical Identity		CAS No	EINECS No	GHS/CLP Classification
Urethane Methacrylate Oligomer	40.0-60.0%	N/E	N/E	Skin Irrit. 2 H315; Eye Irrit. 2 H319; Aquatic Chronic 2 H411
Aliphatic Urethane Acrylate		N/E	N/E	N/E
Tripropylene Glycol Diacrylate	30.0-50.0%	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
Urethane Acrylate Oligomer	10.0-20.0%	71549-84-3	N/E	N/E
Ethyl Trimethylbenzoyl Phenylphosphinate	2.0-5.0%	84434-11-7	282-810-6	Aquatic Chronic 3 H412
Benzoyl Isopropanol	2.0-5.0%	7473-98-5	231-272-0	Acute Tox. 4 H302
Glycol Hema-Methacrylate	1.0-2.0%	97-90-5	202-617-2	Skin. Sens. 1 H317; STOT SE 3 H335
Silica	1.0-2.0%	68611-44-9	N/E	N/E
Hydroxycyclohexyl Phenyl Ketone	0.01-0.1%	947-19-3	213-426-9	N/E
Benzophenone	0.01-0.1%	119-61-9	204-337-6	Skin Irrit. 2 H315; Eye Irrit. 2 H319; Aquatic Chronic 3 H412
2-Methyl-4'-(methylthio)-2 morpholinopropiophenone	0.01-0.1%	71868-10-5	400-600-6	Acute Tox. 4 H302; Aquatic Chronic 2 H411
Phenyldimethoxyacetophenone	0.01-0.1%	24650-42-8	246-386-6	Aquatic Acute 1 H400; Aquatic Chronic 1 H410
CI 77891	0.1-1.0%	13463-67-7	236-675-5	Skin. Sens. 1 H317
CI 15985	0.1-1.0%	2783-94-0	220-491-7	Skin. Sens. 1 H317
CI 15850	0.1-1.0%	5858-81-1	219-073-7	Skin. Sens. 1 H317
CI 73915	0.1-1.0%	980-26-7	213-561-3	Skin. Sens. 1 H317
CI 77266	0.1-1.0%	1333-86-4/ 7440-44-0	215-609-9/ 231-153-3	Skin. Sens. 1 H317
CI 74160	0.1-1.0%	147-14-8	205-685-1	Skin. Sens. 1 H317
CI 60725	0.1-1.0%	81-48-1	201-353-5	Skin. Sens. 1 H317
CI 74260	0.1-1.0%	1328-53-6	215-524-7	Skin. Sens. 1 H317
CI 12490	0.1-1.0%	6410-41-9	229-107-2	Skin. Sens. 1 H317

Full text of R-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 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 for ingestion:***

If appreciable quantities are swallowed, seek medical attention.

***First aid for 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 injured the doctor decides how rescue proceedings should be.

### 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 vapors or products of combustion exists.

### 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/

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### **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 vapor. 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 vapor cartridge or canister may be permissible under certain limited circumstances where airborne 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

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### ***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**

<b><i>Appearance</i></b>	color gel
<b><i>Odor &amp; Odor Threshold</i></b>	characteristic acrylate odor
<b><i>PH</i></b>	no data
<b><i>Viscosity %</i></b>	no data
<b><i>Decomposition/Temperature</i></b>	no data
<b><i>Octanol/Water Partitioning Coefficient Log Po/w</i></b>	no data
<b><i>Vapor Pressure:</i></b>	no data
<b><i>Vapor Density</i></b>	no data
<b><i>Evaporation Rate</i></b>	no data
<b><i>Ignition</i></b>	no data
<b><i>Solubility In Water (20°C)</i></b>	no data
<b><i>Flash Point(°F/°C)</i></b>	no data
<b><i>Flammable Limit(vol%)</i></b>	no data
<b><i>Auto-ignition Temperature(vol%)</i></b>	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:**

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

### **10.6. Hazardous decomposition products:**

No data.

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### Section 11: Toxicological information

#### **11.1. Information on toxicological effects:**

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

Dispose of dicing materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapors 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.

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**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: • 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: • 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: • 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.

**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 Ethylene glycol dimethacrylate CAS #97-90-5 is on the DSL list. WHMIS = D2B.
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EINECS: European Inventory:	<b>Colored Gel:</b> <b>Hazard statements:</b> 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. <b>Precautionary statements:</b> P233 Keep container tightly closed; P235 Keep cool; P270 Do no 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.
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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 Acute 1	H400	Very toxic to aquatic life
Aquatic Chronic 1	H410	Very toxic to aquatic life with long lasting effects
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

P233	Keep container tightly closed.
P235	Keep cool.
P270	Do no 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.

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- Inform his employees, agents and sub-contractors of information contained in this form.
- 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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