



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
Product code

Colour FG-163 + FG-164
1201-163 + 1201-164

1.2. Use of substance/preparation

UV nail gel

1.3. Company/ undertaking identification

Manufacturer:

Finger Fashion Nailcare e.K.
Moltkestr. 11

Telephone:

66333 Völklingen

Website:

06898- 44820 0

e-mail:

www.finger-fashion.de

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.
Skin Sens. 1	H317	May cause an allergic skin reaction.
Eye Irrit. 2	H319	Causes serious eye irritation.
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 Product code: 1201-163 + 1201-164 Version: 1.1.5./EN Former Date: 20.06.2013
 Manufacturer: Finger Fashion Nailcare e.K.
 Address: Moltkestr. 11 66333 Völklingen Germany Telephone: 06898- 44820 0

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
Polyester acrylate 30.0-33.0%	N/E	N/E	N/E
Urethane methacrylate 30.0-33.0%	N/E	N/E	Skin Irrit.2 H315; Eye Irrit.2 H319; Aquatic Chronic 2 H411
Urethane acrylate oligomer 10.0-12.0%	73324-00-2	N/E	Eye Irrit. 2 H319;
Bisphenol A Epoxy Diacrylate 10.0-12.0%	558-57-0	500-130-2	Skin Sens. 1 H317;
Glycol HEMA-Methacrylate 1.5-2.5%	97-90-5	202-617-2	Skin Sens. 1 H317; STOT SE 3 H335;
PEG-4 Dimethacrylate 1.5-2.5%	109-17-1	N/E	N/E
Isobornyl methacrylate 1.5-2.5%	7534-94-3	231-403-1	N/E
Hydroxycyclohexyl Phenyl Ketone 1.0-2.0%	947-19-3	213-426-9	N/E
Benzoyl Isopropanol 1.0-2.0%	7473-98-5	231-272-0	Acute Tox. 4 H302;
Benzophenone 1.0-2.0%	119-61-9	204-337-6	Skin Irrit.2 H315; Eye Irrit.2 H319; Aquatic Chronic 3 H412
2-Methyl-4'-(methylthio)-2 morpholinopropiophenone 1.0-2.0%	71868-10-5	400-600-6	Acute Tox. 4 H302; Aquatic Chronic 2H411
Phenyldimethoxyacetophenone 1.0-2.0%	24650-42-8	246-386-6	Aquatic Acute 1 H400; Aquatic Chronic 1 H410;
Ethyl Trimethylbenzoylphenyl Phosphinate 1.0-2.0%	84434-11-7	282-810-6	Aquatic Chronic 3 H412
Silica 0.5-1.5%	7631-86-9	N/E	N/E
Trimethylopropane Triacrylate 0.2-0.8%	15625-89-5	239-701-3	Skin Irrit. 2 H315; Skin Sens. 1 H317; Eye Irrit. 2 H319
Sucrose benzoate 0.01-0.2%	12738-64-6	235-795-5	N/E
Titanium Dioxide / CI77891 0.01-0.2%	13463-67-7	236-675-5	Skin Sens. 1 H317
Bis(T-Butyl Benzoxazolyl)Thiophene 0.0-0.01%	7128-64-5	230-426-4	Aquatic Chronic 4 H413
Fluorescent Pigment 0.0-0.01%	N/E	N/E	Skin Sens. 1 H317

Full text of H-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.

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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 vapour 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 or water 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.

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/EC.

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

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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 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 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 concentrations are expected to exceed exposure limits. Protection provided by nuisance level organic vapour 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.

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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>	no data
<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 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 strong bases.

10.6. Hazardous decomposition products

No data.

Section 11: Toxicological information

11.1. Information on toxicological effects:

<i>Acute Oral Toxicity</i>	No information available
<i>Acute Dermal Toxicity</i>	No information available
<i>Acute Inhalation Toxicity</i>	No information available

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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

Toxic to aquatic life with long lasting effects.

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 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.

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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

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 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 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 Council Directive 67/548/EEC of 27 June 1967 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous substances.

Directive 1999/45/EC of the European Parliament and of the Council of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations

Commission Regulation (EU) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures. Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

International Regulations:

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.
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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.

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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.
Aquatic Chronic 4	H413	May cause long lasting harmful effects to aquatic life.

P-Phrases

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.

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