



SAFETY DATA SHEET

Precious Perfect Cover by Schwesterherz

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Revision No: 3

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Precious Perfect Cover by Schwesterherz

Product code: 23716

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Light curable resin / UV gel. Only for professional use.

1.3. Details of the supplier of the safety data sheet

Company name: MPK Nails GmbH
An der Brücke 1
95679 Waldershof
Deutschland

Tel: +49 9231 9739630

Email: info@mpknails.de

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1B: H317

Most important adverse effects: Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS07: Exclamation mark

GHS09: Environmental



Signal words: Warning

Precautionary statements: P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

[cont...]

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P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see supplemental first aid instruction on this label)

P362+P364: Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

URETHANE ACRYLATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	-	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	25-55%

ALIPHATIC URETHANE DIMETHACRYLATE

-	-	-	Skin Sens. 1B: H317; Aquatic Chronic 2: H411; -: EUH204	25-55%
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HDMAP

231-272-0	7473-98-5	-	Acute Tox. 4: H302	1-5%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

[cont...]

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

7.3. Specific end use(s)

Specific end use(s): No data available.

[cont...]

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Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

[cont...]

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11.1. Information on toxicological effects

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

[cont...]

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Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH204: Contains isocyanates. May produce an allergic reaction.

H302: Harmful if swallowed.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



SAFETY DATA SHEET



Ultimate Glaze

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name : Ultimate Glaze
Product code : 4020376

1.2 Relevant identified uses of the substance or mixture and uses advised against

Not applicable.

1.3 Details of the supplier of the safety data sheet

MPK Nails GmbH
An der Brücke 1
D-95679 Waldershof
Telefon: +49 (0) 9231-9739630

1.4 Emergency telephone number

National advisory body/Poison Centre

Telephone number : 1-352-323-3500

Supplier

Telephone number : +49 (0) 9231-9739630

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Skin Irrit. 2, H315
Eye Irrit. 2, H319
Skin Sens. 1, H317
Repr. 2, H361f (Fertility)

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Ingredients of unknown toxicity : Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 99.4%

Ingredients of unknown ecotoxicity : Percentage of the mixture consisting of ingredient(s) of unknown hazards to the aquatic environment: 93.4%

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms :



Signal word : Warning

SECTION 2: Hazards identification

- Hazard statements** : Causes serious eye irritation.
 Causes skin irritation.
 May cause an allergic skin reaction.
 Suspected of damaging fertility.
- Precautionary statements**
- General** : Not applicable.
- Prevention** : Obtain special instructions before use. Wear protective gloves. Wear eye or face protection.
- Response** : IF exposed or concerned: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes.
- Storage** : Store locked up.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : Not applicable.
- Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles** : Not applicable.
- Special packaging requirements**
- Containers to be fitted with child-resistant fastenings** : Not applicable.
- Tactile warning of danger** : Not applicable.

2.3 Other hazards

- Other hazards which do not result in classification** : None known.

SECTION 3: Composition/information on ingredients

Substance/mixture : Mixture

Product/ingredient name	INCI Name	Identifiers	%	Classification	
				Regulation (EC) No. 1272/2008 [CLP]	Type
Polyurethane and other acrylate oligomers	Di-HEMA trimethylhexyl dicarbamate*	CAS: Exempt	75 - 100	Skin Irrit. 2, H315	[1]
tetrahydrofurfuryl methacrylate		EC: 219-529-5	5 - 10	Eye Irrit. 2, H319 Skin Sens. 1A, H317 Aquatic Chronic 3, H412	[1]
TPO	Trimethylbenzoyl diphenylphosphine oxide	CAS: 2455-24-5 EC: 278-355-8	1 - 5	Repr. 2, H361f (Fertility, causing atrophy of the testes)	[1]
		CAS: 75980-60-8 Index: 015-203-00-X			

SECTION 3: Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

- [1] Substance classified with a health or environmental hazard
- [2] Substance with a workplace exposure limit
- [3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
- [4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
- [5] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First aid measures

4.1 Description of first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

- Eye contact** : Irritating to eyes.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Irritating to skin. May cause sensitisation by skin contact.
- Ingestion** : Irritating to mouth, throat and stomach.

Over-exposure signs/symptoms

SECTION 4: First aid measures

- Eye contact** : Adverse symptoms may include the following:
irritation
watering
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:
irritation
redness
- Ingestion** : No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.

5.2 Special hazards arising from the substance or mixture

- Hazards from the substance or mixture** : In a fire or if heated, a pressure increase will occur and the container may burst.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
phosphorus oxides

5.3 Advice for firefighters

- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also Section 8 for additional information on hygiene measures.

SECTION 6: Accidental release measures

6.2 Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

6.4 Reference to other sections : See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Shield UV light sources. Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)

Recommendations : Not available.

Industrial sector specific solutions : Not available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker or exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits

No exposure limit value known.

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

No DNELs/DMELs available.

PNECs

No PNECs available

8.2 Exposure controls

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

SECTION 8: Exposure controls/personal protection

- Respiratory protection** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****Appearance**

- Physical state** : Liquid. [Gel]
- Colour** : Colorless
- Odour** : Characteristic. Acrylate odor [Slight]
- Melting point/freezing point** : Not available.
- Initial boiling point and boiling range** : Not available.
- Flash point** : Closed cup: >93.3°C
- Vapour pressure** : <0.0013 kPa [room temperature]
- Vapour density** : Not available.
- Relative density** : 1.14
- Solubility(ies)** : Insoluble in the following materials: cold water and hot water.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : Not available.
- Explosive properties** : Highly explosive in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.
Slightly explosive in the presence of the following materials or conditions: combustible materials.

9.2 Other information

No additional information.

SECTION 10: Stability and reactivity

- 10.1 Reactivity** : No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability** : The product is stable.
- 10.3 Possibility of hazardous reactions** : Hazardous polymerization may occur under certain conditions of storage or use. These could cause the product to polymerise exothermically. Unintentional contact with them should be avoided.
- 10.4 Conditions to avoid** : No specific data.
- 10.5 Incompatible materials** : No specific data.
- 10.6 Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity estimates

Not available.

Information on the likely routes of exposure : Not available.

Potential acute health effects

- Eye contact** : Irritating to eyes.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Irritating to skin. May cause sensitisation by skin contact.
- Ingestion** : Irritating to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : Adverse symptoms may include the following:
irritation
watering
redness
- Inhalation** : No specific data.
- Skin contact** : Adverse symptoms may include the following:
irritation
redness
- Ingestion** : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

Long term exposure

- Potential immediate effects** : Not available.
- Potential delayed effects** : Not available.

Potential chronic health effects

Not available.

- General** : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.
- Other information** : Not available.

SECTION 12: Ecological information**12.1 Toxicity**

Product/ingredient name	Result	Species	Exposure
tetrahydrofurfuryl methacrylate	Acute LC50 34700 µg/l Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours

12.3 Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
TPO	-	53 to 72	low

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}) : Not available.

Mobility : Not available.

12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

12.6 Other adverse effects : No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods**Product**

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste : The classification of the product may meet the criteria for a hazardous waste.

Packaging

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions : This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID	ADN	IMDG	IATA
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-

14.6 Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available.

SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles : Not applicable.

Other EU regulations

Europe inventory : All components are listed or exempted.

Product/ingredient name	Carcinogenic effects	Mutagenic effects	Developmental effects	Fertility effects
TPO	-	-	-	Repr. Cat. 3; R62

Seveso II Directive

This product is not controlled under the Seveso II Directive.

SECTION 15: Regulatory information

15.2 Chemical Safety Assessment : This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

Abbreviations and acronyms :

- ATE = Acute Toxicity Estimate
- CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EUH statement = CLP-specific Hazard statement
- PBT = Persistent, Bioaccumulative and Toxic
- PNEC = Predicted No Effect Concentration
- RRN = REACH Registration Number
- vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Skin Irrit. 2, H315	Calculation method
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1, H317	Calculation method
Repr. 2, H361f (Fertility)	Calculation method

Full text of abbreviated H statements :

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H361f Suspected of damaging fertility.
- (Fertility)
- H361f Suspected of damaging fertility. (causing atrophy of the testes)
- (Fertility, causing atrophy of the testes)
- H412 Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS] :

- Aquatic Chronic 3, H412 LONG-TERM AQUATIC HAZARD - Category 3
- Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
- Repr. 2, H361f (Fertility) TOXIC TO REPRODUCTION (Fertility) - Category 2
- Repr. 2, H361f (Fertility, causing atrophy of the testes) TOXIC TO REPRODUCTION (Fertility, causing atrophy of the testes) - Category 2
- Skin Irrit. 2, H315 SKIN CORROSION/IRRITATION - Category 2
- Skin Sens. 1, H317 SKIN SENSITIZATION - Category 1
- Skin Sens. 1A, H317 SKIN SENSITIZATION - Category 1A

Date of printing : 9/11/2014.

Date of issue/ Date of revision : 9/11/2014.

Date of previous issue : No previous validation.

Version : 1

Notice to reader

SECTION 16: Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Information contained within this SDS is only to be distributed as required by law.

Sicherheitsdatenblatt
Fiberglas Gel French White

Produktname: Fiberglas Gel French White

Druckdatum: 01.02.2015

01: Bezeichnung des Stoffes bzw. der Zubereitung und Firmenbezeichnung

Produktname: Fiberglas Gel French White

Verwendung der Zubereitung: UV-GEL (Nagelpflegeprodukt)

Nur für gewerbliche Verwendung

Hautkontakt vermeiden

Anwendungshinweise bitte sorgfältig lesen

Hersteller/Lieferant: MPK Nails GmbH

An der Brücke 1

95679 Waldershof

Ansprechpartner: Melanie Kühnel

0049/(0)9231 - 9739630

info@mpknails.de

02: Mögliche Gefahren

Einstufung nach EG 67/548 oder EG 1999/45: Xi; R36/37/38 und R43

Kennzeichnung nach EG 67/548 oder EG 1999/45



R-Sätze: R36/37/38: Reizt die Augen, Atmungsorgane und Haut.

R43: Sensibilisierung durch Hautkontakt möglich

S-Sätze: S2: Darf nicht in die Hände von Kindern gelangen

S37: Geeignete Schutzhandschuhe tragen.

S46: Bei Verschlucken sofort ärztlichen Rat einholen und Verpackung Oder Etikett vorzeigen.

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Kennzeichnung nach Verordnung EG 1272/2008 (CLP)



Gefahren Piktogramm(e): SGH07

Signalwort: Achtung

Gefahrenhinweise

H319: Verursacht schwere Augenreizung.

H315: Verursacht Hautreizungen.

H317: Kann allergische Hautreaktionen verursachen.

H335: Kann die Atemwege reizen.

Sicherheitshinweise

Prävention

P264: Nach Gebrauch gründlich waschen

P280: Schutzhandschuhe / Schutzkleidung / Augenschutz / Gesichtsschutz tragen.

P261: Einatmen von Staub / Rauch / Gas / Nebel / Dampf / Aerosol vermeiden.

Reaktion

P337+ P313: Bei anhaltender Augenreizung: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

P321: Besondere Behandlung (siehe Etikett).

Unter normalen Umständen keine sonstigen Gefahren

Sicherheitsdatenblatt Fiberglas Gel French White

Produktname: Fiberglas Gel French White

Druckdatum: 01.02.2015

03: Zusammensetzung/Angaben zu Bestandteilen

Chemische Identität	CAS-Nr.	% Schlüssel
Di-HEMA Trimethylhexyl Dicarbamate	72869-86-4	A2
Urethane Acrylates	n.b.	B
Silica Dimethicone Silylate	7631-86-9	E
Methylbenzoyl Formate	15206-55-0	E
CI 77891	13463-67-7	E
Silica Dimethyl Silylate	68611-44-9	F
Calcium Sodium Phosphosilicate	65997-17-3	F
CI 60725	81-48-1	G
p-Hydroxyanisole	150-76-5	G

04: Erste-Hilfe-Massnahmen

Nach Einatmen

Den Betroffenen an die frische Luft bringen und ruhig lagern.

Nach Hautkontakt

Sofort mit Wasser und Seife abwaschen und gut spülen.
Bei andauernder Hautreizung Arzt aufsuchen

Nach Augenkontakt

Unverzöglich bei geöffnetem Lidspalt mehrere Minuten unter fließendem Wasser gründlich spülen.
Sofort Arzt konsultieren.

Nach Verschlucken

Kein Erbrechen einleiten.
Sofort Arzt konsultieren.

Allgemeine Hinweise

Mit Produkt verunreinigte Kleidungsstücke unverzüglich entfernen. Ärztliche Hilfe ist erforderlich bei Symptomen, die offensichtlich auf die Einwirkung des Produktes auf der Haut, Augen oder Einatmen seiner Dämpfe zurückzuführen sind.

05: Maßnahmen zur Brandbekämpfung

Besondere Schutzausrüstung

Atenschutzgerät und Vollschutzanzug tragen.

Geeignete Löschmittel

Alkoholbeständiger Schaum, Löschpulver, Kohlendioxid.

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Produktname: Fiberglas Gel French White

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Ungeeignete Löschmittel

Wasser

Weitere Angaben

Gefährdete Behältnisse mit Wassersprühstrahl kühlen.
Brandrückstände sind sicher zu entsorgen.

06: Maßnahmen bei unbeabsichtigter Freisetzung

Personenbezogene Vorsichtsmaßnahmen

Für ausreichende Lüftung sorgen.
Persönliche Schutzausrüstung tragen.
Zündquellen fernhalten.
Bei Einwirkung von Dämpfen/Staub/Aerosol Atemschutz tragen.
EX Schutz beachten.

Umweltschutzmaßnahmen

Nicht in die Kanalisation/Oberflächenwasser/Grundwasser gelangen lassen.

07: Handhabung und Lagerung

Handhabung

Behälter dicht geschlossen halten.
Für gute Raumbelüftung, Luftabsaugung/Frischluftzufuhr sorgen.

Brand und Explosionsschutz

Von Zündquellen fernhalten.
Nicht rauchen.
Maßnahmen gegen elektrostatische Aufladung treffen.

Lagerräume/Behälter

Nur in Originalgebinde aufbewahren
Nur zu ca. 90% füllen, da Sauerstoff (Luft) zur Stabilisierung erforderlich ist.

Lagerbedingungen

Vor Hitze und direkter Sonneneinstrahlung schützen.

08: Begrenzung und Überwachung der Exposition/Schutzausrüstung

Handschutz

Handschuhe aus Neopren (kein Latex) verwenden.
Vor jeder erneuten Verwendung auf Dichtheit prüfen.

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Augenschutz

Dichtsitzende Schutzbrille mit Seitenschutz.

Körperschutz

Bei Handhabung größerer Mengen: Gesichtsschutz, chemikalienbeständige Stiefel und Schürze tragen.

Atemschutz

Bei geringer Belastung Atemfiltergerät nach DIN verwenden.

Allgemeine Schutzmaßnahmen

Hautkontakt vermeiden.

Gebrauchsanweisung beachten.

Darf nicht in Hände von Kindern gelangen.

Bei Berührung mit den Augen gründlich mit Wasser abspülen und Arzt konsultieren.

Bei Berührung mit der Haut sofort mit viel Wasser abwaschen.

In gut belüfteten Räumen anwenden.

Nicht bei verletzten oder entzündeten Nägeln anwenden.

Bei Auftreten von Hautrötungen oder allergischen Reaktionen Kontakt mit dem Produkt sofort einstellen und ggf. Arzt aufsuchen.

Betriebsanweisungen und Sicherheitsunterweisungen beachten.

09: Physikalische und chemische Eigenschaften

Form: gelartig

Farbe: weiss

Geruch: charakteristisch (Acryl)

Schmelzpunkt: Di-HEMA Trimethylhexyl Dicarbamate: 169,73°C

Dampfdruck: Di-HEMA Trimethylhexyl Dicarbamate: 3,99x10⁻⁹ mm/Hg

Flammpunkt: 100°C

Entzündlichkeit: untere Explosionsgrenze n.b.

Zündtemperatur: n.b.

Dichte (bei 20°C): 1,1 g/cm³

Wasserlöslichkeit: unauflöslich

10: Stabilität und Reaktivität

Gefährliche Reaktionen

In Gegenwart von Radikalbildnern (Peroxide), reduzierenden Substanzen, Schwermetallionen sind Polymerisationen unter Lichteinwirkung möglich.

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Gefährliche Zersetzungsprodukte

Kohlenmonoxid, Kohlendioxid, ätzenden Dämpfe/Gase.

11: Toxikologische Angaben

An der Haut

Reizt Haut und Schleimhäute.

Am Auge

Reizwirkung

Sensibilisierung

Hautsensibilisierung möglich.

Erfahrungen am Menschen

Es liegen keine spezifischen Ergebnisse vor.

Zusätzliche toxikologische Hinweise

Keine Hinweise auf Mutagenität.

Keine Hinweise auf Kanzerogenität.

Keine Hinweise auf Gentoxizität.

12: Umweltbezogene Angaben

Biologische Abbaubarkeit

Es liegen keine Werte vor.

Wassergefährdungsklasse

1 (Selbsteinstufung)

Fischtoxizität

Es liegen keine Werte vor.

Algentoxizität

Es liegen keine Werte vor.

Allgemeiner Hinweis

Eindringen in Grundwasser, Erdreich, Gewässer und Kanalisation verhindern.

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Druckdatum: 01.02.2015

13: Hinweise zur Entsorgung

Produkt

Muss unter Beachtung der behördlichen Vorschriften einer Sonderbehandlung zugeführt werden.

Ungereinigte Verpackung

Kontaminierte Verpackungen sind optimal zu entleeren. Sie können dann nach entsprechender Reinigung einer Wiederverwertung zugeführt werden. Nicht reinigungsfähige Verpackungen sind wie der Stoff selbst zu entsorgen. Nicht kontaminierte Verpackungen können wie Hausmüll entsorgt werden.

EWC-Abfallschlüssel

Die Zuordnung der Abfallschlüsselnummer ist entsprechend der EAK-Verordnung branchen- und prozessspezifisch durchzuführen. Abfälle aus Herstellung, Zubereitung, Vertrieb und Anwendung von Kunststoffen andere Reaktions- und Destillationsrückstände.

14: Angaben zum Transport

Landtransport ADR/RID

UN-Nr.

n.b.

Gefahrenkennzeichen (Kemlerzahl)
Bezeichnung des Gutes:

Aliphatische Acrylate

Binnenschifftransport ADN/ADR

UN-Nr.

n.b.

ADN/R-Klasse
Bezeichnung des Gutes:

Aliphatische Acrylate

Seeschifftransport IMDG/GGV See

UN-Nr.

n.b.

Bezeichnung des Gutes:

Aliphatische Acrylate

Lufttransport ICAO-TI und IATA-DGR

UN-Nr.

n.b.

Bezeichnung des Gutes:

Aliphatische Acrylate

Sicherheitsdatenblatt
Fiberglas Gel French White

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15: Rechtsvorschriften

Kennzeichnung nach EG-Richtlinie

Das Produkt ist nach EG-Richtlinie/GefStoffV eingestuft und gekennzeichnet.

Wassergefährdungsklasse: WGK: 1 (Selbsteinstufung)

Beschäftigungsbeschränkung: Für Jugendliche beachten.
Für werdende Mütter und stillende Mütter beachten.

16: Sonstige Angaben

Das Datenblatt wurde sorgfältig erstellt. Die Angaben dienen ausschließlich etwaigen Sicherheitserfordernissen und stützen sich auf den heutigen Stand unserer Kenntnisse.

Die Angaben stellen keine Zusicherung von Eigenschaften dar.
Empfänger/Anwender unserer Produkte haben die geltenden Bestimmungen und Gesetze in eigener Verantwortung zu beachten.
Für den Inhalt kann keine Haftung, gleich aus welchem Rechtsgrund auch immer, übernommen werden.