



**Safety Data Sheet according to
Regulation (EC) No. 1907/2006
(REACH)**

Version: 7

Revision date: 01.08.2022

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

1.1. Product identifier

Thermogel 2

Art.: 721

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

Relevant identified uses:

UV-Gel

1.3. Details of the supplier of the safety data sheet

Manufacturer

MPK Nails GmbH
An der Brücke 1
95679 Waldershof
Deutschland

Telephone: 0049-9231-9739630

Telefax: 0049-9231-9739631

Supplier (manufacturer/importer/only representative/downstream user/distributor)

MPK Nails GmbH

Telephone: 0049-9231-9739630

Telefax: 0049-9231-9739631

Information contact

Information telephone: 0049-9231-9739630

Information telefax: 9231-9739631

E-mail (competent person): info@mpknails.de

Website: www.mpknails.de

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008:

Skin Irrit.2,H315; Skin Sens.1,H317; Eye Irrit.2,H319

2.2. Label elements

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

Hazard pictograms:



GHS07

Signal Word: Attention

Hazard statements: H315: Causes skin irritation
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation

Precautionary statements: P101: If medical advice is needed, have product container or label at hand
P102: Keep out of reach of children
P103: Read label before use
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves/protective clothing/eye Protection/face protection.
P302+352: IF ON SKIN: Wash with plenty of water and soap.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313: Get medical advice if you feel unwell.
P321: Specific treatment (see on MSDS)
P335+313: IF ON SKIN get medical advice.
P337+313: If eye irritation persists: Get medical advice.
P362: Take off contaminated clothing.
P363: Wash contaminated clothing before reuse.
P501: Dispose of contents to disposal.

2.3. Other hazards

No particular dangers to mention.

SECTION 3: Composition / information on ingredients

Composition/information on ingredients

Material:	CAS-No.:	Concentration:	Classification: EC 1272/2008 (CLP):
Urethane acrylate	-	25-50%	H315, H319
Epoxy Methacrylate	-	25-50%	H315, H319
Aliphatic difunctional urethane acrylate	-	10-25%	H317, H319
Mica	12003-38-2	10-25%	-
Silica Silylate	-	5-10%	-
Ethoxylated Trimethylolpropane Triacrylate	28961-43-5	5-10%	-
Ethyl Trimethylbenzoyl Phenylphosphinate	84434-11-7	1-5%	-
Benzoyl Isopropanol	7473-98-5	1-5%	-
Hydroxycyclohexyl phenyl ketone	947-19-3	1-5%	-
CI77891	13463-67-7	0,1-1%	-
Benzyl methacrylate	2495-37-6	0,1-1%	H315;H317;H319;H335
BHT	128-37-0	<0,1%	-
CI19140	12225-21-7	<0,1%	-
CI42090	68921-42-6	<0,1%	-
p-Hydroxyanisole	150-76-5	<0,1%	-
PPG-3 Glyceryl Ether Triacrylate	52408-84-1	<0,1%	-

(Full text of H- and EUH-phrases: see section 16.)

SECTION 4: First aid measures

4.1. Description of first aid measures

- General information:** In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Take off contaminated, soaked clothes immediately
- Following inhalation:** There are no special steps required. If symptoms persist, consult a doctor.
- Following skin contact:** After contact with skin, wash immediately with plenty of soap and water. In case of skin irritation consult a doctor.
- After eye contact:** In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes with the eyelid wide open. If symptoms persist, consult a doctor.
- After ingestion:** Rinse mouth with plenty of water and drink a lot. If symptoms persist, consult a doctor
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water spray
Water jet
Carbon dioxide (CO₂)
Foam
Dry chemical

Unsuitable extinguishing media: None

5.2. Special hazards arising from the substance or mixture

None

5.3. Advice for firefighters

General information

Extinguishing measures to suit the environment

Special protective equipment for firefighters:

In case of fire: Use self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

There are no special steps required

6.2. Environmental precautions

There are no special steps required

6.3. Methods and material for containment and cleaning up

There are no special steps required

6.4. Reference to other sections

There are no special steps required

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid contact with eyes

Precautions against fire and explosion

No special fire protection measures are required

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Protect from extreme temperatures. Avoid direct sunlight

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Remark:

Contains no substances in quantities above the concentration limit for which an occupational exposure limit has been established.

8.2. Exposure controls

Occupational exposure controls

None

General protection and hygiene measures

Do not eat, drink, smoke or sniff at the workplace.
Wash hands before breaks and at the end of work.
Use skin care products after work.
Dirty clothes should be washed before reuse

Personal protection equipment

Only wear suitable, comfortable and clean protective clothing.

Respiratory protection

Respiratory protection not required

Hand protection

Wear suitable protective gloves:
Vinyl, or rubber gloves

Eye/face protection

Wear safety glasses

Body protection

Suitable body protection: overall to avoid skin contact.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	changing
Odour:	Characteristic
Odour threshold:	None

Safety relevant basis data

	Parameter	Value	Unit	Remark
pH:				
Melting point/freezing point:		n.a.		
Initial boiling point and boiling range:		n.a.		
Flash point:		n.a.		
Evaporation rate:		n.a.		
Flammability (solid, gas):		n.a.		
Explosive properties:		n.a.		
Lower flammability or explosive limits:		n.a.		
Upper flammability or explosive limits:		n.a.		
Vapour pressure:		n.a.		
Vapour density:		n.a.		
Relative density:		n.a.		
Density:		n.a.		
Solubility(ies):		n.a.		
Water solubility:		n.a.		
Fat solubility:		n.a.		
Partition coefficient: n-octanol/water:		n.a.		
Auto-ignition temperature:		n.a.		
Decomposition temperature:		n.a.		
Viscosity:		n.a.		
Oxidising properties:		n.a.		

SECTION 10: Stability and reactivity

Conditions to avoid

Direct UV / Sunlight, extreme temperatures, open flames, strong oxidizers, strong acids.

10.5. Incompatible materials

Alkalis / Metal / Peroxides

10.6. Hazardous decomposition products

Not known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

There is no data for the preparation.

Skin corrosion/irritation

Not irritating

Serious eye damage/irritation

Not irritating

Respiratory or skin sensitisation

Can cause sensitization to sensitive people

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

No evidence of carcinogenicity on humans.

Germ cell mutagenicity

There are no indications of germ cell mutagenicity on humans

Reproductive toxicity

There are no indications of reproductive toxicity on humans

STOT-single exposure

The following symptoms may occur

Corneal opacity / Cough

STOT-repeated exposure

None

Aspiration hazard

Not irritating

SECTION 12: Ecological information

Avoid release to the environment

No relevant environmental data known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal/Product:

Dispose according to EC Directives 75/442 / EEC and 91/689 / EEC on waste and on hazardous waste in their current versions. Can be disposed of on a landfill.

Appropriate disposal / Package:

Non-contaminated and emptied packaging can be recycled. Contaminated packaging should be handled like the substance.

SECTION 14: Transport information

14.2. UN proper shipping name

ADR / RID

No dangerous good as defined in the transport regulations

SECTION 15: Regulatory information

15.1. Classification

This product is classified and adapted to EC directives

National regulations

Observe in addition any national regulations!

Water Hazard class: class 1

Only for professional use!

Pay Attention to the application instructions!

15.2. Chemical Safety Assessment

A chemical safety assessment has been carried out for this substance:

No chemical safety assessment is required for this substance

SECTION 16: Other information

Relevant H- and EUH-phrases (Number and full text)

Hazard statements

H315: Causes skin irritation

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Thermogel 16

Art.:747

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Initial boiling point and boiling range:		n.a.		
Flash point:		n.a.		
Evaporation rate:		n.a.		
Flammability (solid, gas):		n.a.		
Explosive properties:		n.a.		
Lower flammability or explosive limits:		n.a.		
Upper flammability or explosive limits:		n.a.		
Vapour pressure:		n.a.		
Vapour density:		n.a.		
Relative density:		n.a.		
Density:		n.a.		
Solubility(ies):		n.a.		
Water solubility:		n.a.		
Fat solubility:		n.a.		
Partition coefficient: n-octanol/water:		n.a.		
Auto-ignition temperature:		n.a.		
Decomposition temperature:		n.a.		
Viscosity:		n.a.		
Oxidising properties:		n.a.		

SECTION 10: Stability and reactivity

Conditions to avoid

Direct UV / Sunlight, extreme temperatures, open flames, strong oxidizers, strong acids.

10.5. Incompatible materials

Alkalis / Metal / Peroxides

10.6. Hazardous decomposition products

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Hazard statements

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H319: Causes serious eye irritation



Material Safety Data Sheet / Sicherheitsdatenblatt

(EG) Nr. 1907/2006 (REACH)

Product Name / Produktname: Thermogels All Colours

1. Product and company identification / Stoff- /Zubereitungs- und Firmenbezeichnung

General use / Übliche Verwendung: UV-Gel

Date of issue / Ausstellungsdatum: 09.03.2015

Manufacturer / Hersteller: MPK Nails GmbH
An der Brücke 1
95679 Waldershof
Deutschland

Tel.: 09231 - 9739630
Fax: 09231 - 9739631
E-Mail: info@mpknails.de

2. Ingredients / Angabe zu den Bestandteilen

Thermogels All Colours 725

Ingredients / Inhaltsstoffe	CAS	EINECS	Percentage
Epoxydimethacrylate	N/A	N/A	25-50%
Aliph. Urethanacrylate	N/A	N/A	25-50%
Di-Hema Trimethylhexyl Dicarbamate	72869-86-4	N/A	10-25%
Ethoxylated Trimethylolpropane Triacrylate	28961-43-5	500-066-5	5-10%
1-Hydroxy-Cyclohexylphenyl-Ketone	947-19-3	213-426-9	5-10%
Thermo Setting Pigments	N/A	N/A	5-10%
2-Hydroxy-2-Methylpropiophenone	7473-98-5	231-272-0	1-5%
Day Glow Pigments	N/A	N/A	1-5%
Silica Dimethyl Silylate	68611-44-9	271-893-4	1-5%
p-Hydroxyanisole	150-76-5	205-769-8	<0,1%
BHT	128-37-0	204-881-4	<0,1%
Not for Cosmetic Use			<0,1%
NOT FOR COSMETIC USE !			Info

3. Emergency overview / Mögliche Gefahren

may be slightly toxic, may cause moderate skin injury, may cause chemical burn in eye, suspect respiratory tract irritation hazard

kann geringfügig Schadstoffe enthalten, kann Haut- und Augenreizungen verursachen, Verursacht möglicherweise Atemwegsreizungen

4. First Aid Measures / Erste-Hilfe-Hinweise

Inhalation / Nach Einatmen:

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.

Bei Einatmung oder Nebelbildung von großen Mengen ist dringend Frischluftzufuhr erforderlich. Bei Atemstillstand dringend künstlich beatmen und einen Arzt aufsuchen.

Skin / Nach Hautkontakt:

Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

Verunreinigte Kleidung entfernen; betroffene Hautstellen mit Wasser und Seife abwaschen; beschmutzte Kleidung vor Wiederverwendung waschen; bei anhaltenden Beschwerden Arzt konsultieren.

Eyes / Nach Augenkontakt:

Remove contact lenses. Flush eyes with clear running water for 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

Kontaktlinsen entfernen. Geöffnete Augen unter fließendem Wasser 15 Minuten ausspülen; bei anhaltenden Beschwerden Arzt konsultieren.

Ingestion / Nach Verschlucken:

If appreciable quantities are swallowed, seek medical attention

Bei Verschlucken größerer Mengen Arzt aufsuchen.

5. Fire Fighting Measures / Maßnahmen zur Brandbekämpfung

Extinguishing Media / Löschmittel

Chemical foam, high-viscosity liquid

Chemische Schaumlöschmittel, hochviskose Flüssigkeiten

Unusual fire and explosion Hazards / Außergewöhnliche Brände und Explosionsgefahr

Water

Wasser

Firefighting procedures / Verfahren zur Brandbekämpfung

Wear full facepiece self – contained breathing apparatus in positive pressure mode.

Tragen einer komplett-deckenden Brandschutzmaske und eines Atemschutzgeräts in Überdruckmodus.

6. Accidental release measures / Maßnahmen bei unbeabsichtigter Freisetzung

Wear personal protective equipment. Stay away from source of ignition. Do not wash to sanitary sewer.

Persönliche Schutzausrüstung tragen. Von der Zündquelle Fernbleiben. Nicht in die Kanalisation spülen.

7. Handling and storage / Handhabung und Lagerung

Handling / Handhabung

Keep jars closed when not in use. Protect from extreme temperatures, open flames. This material will support combustion. Keep this and other chemicals out of reach of children.

In verschlossenen Gefäßen aufbewahren. Vor extremen Temperaturen und Flammen schützen. Das Material ist leicht entzündlich. Diese und andere Chemikalien für Kinder unzugänglich aufbewahren.

8. Exposure controls / Personal protection / Begrenzung und Überwachung der Exposition / Persönliche Schutzausrüstung

Protective gloves / Schutzhandschuhe

Neoprene or rubber gloves with cuffs.

Neopren- oder Gummihandschuhe mit Bund.

Eye protection / Augenschutz

Protective eyeglasses or chemical safety goggles.

Schutzbrillen oder chemisch resistente Sicherheitsbrillen.

Skin protection / Haut- und Körperschutz

Coveralls, apron, or other equipment should be worn to minimize skin contact.

Arbeitsoverall, Schürze oder eine gleichwertige Ausrüstung um Hautkontakt zu vermeiden.

Work/Hygienic practices / berufliche Hygienemaßnahmen

Practice safe workplace habits. Minimize body contact with this, as well as all chemicals in general.

Ausführung sicherer Arbeitsplatzgewohnheiten. Körperkontakt mit diesen und anderen chemischen Stoffen vermeiden.

9. Physical and chemical properties / Physikalische und chemische Eigenschaften

Appearance / Aussehen:

Form / Form: gel / Gel

Colour / Farbe: clear may contain pigments or glitter / klar, möglicherweise mit Pigmenten oder Glitter

Odor / Geruch: characteristic acrylic odor / charakteristischer Acryl Geruch

Melting point / Schmelzpunkt: N/A / n.a.

Boiling point / Siedepunkt: N/A / n.a.

Flash point / Flammpunkt: N/A / n.a.

Flammable limits / Explosionsgrenze: N/A / n.a.

Vapor pressure / Dampfdruck: N/A / n.a.

Density / Dichte: N/A / n.a.

Water solubility / Wasserlöslichkeit: N/A / n.a.

Viscosity / Viskosität: N/A / n.a.

10. Stability and reactivity / Stabilität und Reaktivität

Conditions to avoid / Zu vermeidende Bedingungen:

Extreme temperatures, open flames, strong oxidizers, strong acids.

Extreme Temperaturen, offene Flammen, starke Oxidatoren und starke Säuren.

Decomposition of Products / Zersetzung der Produkte:

In case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

Im Falle von Berührung mit Feuer, Kohlenoxide, Kohlenwasserstoffe, Dämpfe und Rauch.

11. Toxicological information / Angaben zur Toxikologie

Irritation / Irritation:

Irritates skin and mucosa. / Reizt die Haut und die Schleimhäute.

Experiences on persons / Erfahrungen von Personen:

No specific results. / Keine spezifischen Ergebnisse.

Toxicological advices / Toxikologische Hinweise:

No advices of mutagenicity. / Keine Hinweise auf Mutagenität.

12. Ecological information / Angaben zur Ökologie

Avoid

Vermeiden

13. Disposal considerations / Hinweise zur Entsorgung

Dispose of in accordance with Local, State, and Federal Regulations.

Entsorgen in Übereinstimmung mit den Örtlichen-, Staatlichen- und Bundesverordnungen.

14. Transport information / Angaben zum Transport

No hazardous material in terms of the transport regulation.

Kein Gefahrgut im Sinne der Transportvorschrift.

15. Regularity information / Gesetzmäßige Informationen

Classification / Klassifizierung

This product is classified and listed on the EG directive.

Diese Produkt ist eingestuft und an die EG-Richtlinien angepasst.

For professional use only! / Nur für den gewerblichen Gebrauch!
Pay attention to the instructions of use! / Achten Sie auf die Anwendungshinweise!

Risk phrases / Sicherheitshinweise (P&H - GHS)

XI irritant / XI reizend

Notes & full H- & P- Phrases / Bemerkungen und vollständige H- & P- Sätze

H302 Gesundheitsschädlich beim Verschlucken / Harmful if swallowed.

H319 Verursacht schwere Augenreizungen / Causes serious eye irritation.

H335 Kann die Atemwege reizen / May causes respiratory irritation.

H315 Verursacht Hautreizungen / Causes skin irritation.

P102 Darf nicht in den Hände von Kinder gelangen / Keep out of reach of children.

P262 Nicht in die Augen auf die Haut oder Kleidung gelangen lassen / Do not get in eyes, on skin, or on clothing.

P305+P351+P338+P313

BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen. Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

National regulations / Nationale Vorschriften

Wassergefährdungsklasse / Water hazard class: Klasse 1 / Class 1

16. Other information / Weitere Informationen

None / Keine

