

Safety Data Sheet

according to UK REACH Regulation

M-PRINT TryIn

Revision date: 27.03.2025

Product code: TryInn

Page 1 of 14

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

M-PRINT TryIn

UFI: W8VT-NN4Q-6P1F-CUD7

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

Material for the manufacture of dental medical devices.

1.3. Details of the supplier of the safety data sheet

Company name:	Merz Dental GmbH	
Street:	Kieferweg 1	
Place:	D-24321 Luetjenburg (GERMANY)	
Telephone:	+49-(0)4381-403-0	Telefax: +49-(0)4381-403-100
E-mail:	info@merz-dental.de	
Contact person:	Dipl. Chem Dr. Thomas Panther	Telephone: +49-(0)4381-403-448
E-mail:	Thomas.Panther@merz-dental.de	
Internet:	www.merz-dental.de	
Responsible Department:	Qualitaetssicherung (Quality Assurance)	

1.4. Emergency telephone number: +49-(0)551-19240 (Giftinformationszentrum-Nord, Göttingen) 24h / 7d

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****GB CLP Regulation**

Skin Irrit. 2; H315
Eye Irrit. 2; H319
Skin Sens. 1; H317
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

2.2. Label elements**GB CLP Regulation****Hazard components for labelling**

Aliphatic diurethane dimethacrylate
ethylene dimethacrylate
Methacrylic acid, monoester with propane-1,2-diol
2-[[[(butylamino)carbonyl]oxy]ethyl acrylate
ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate
stabilizer
phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide

Signal word: Warning**Pictograms:****Hazard statements**

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.

**Safety Data Sheet**

according to UK REACH Regulation

M-PRINT TryIn

Revision date: 27.03.2025

Product code: TryInn

Page 2 of 14

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves and eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P273 Avoid release to the environment.
P501 Dispose of contents/container to an appropriate recycling or disposal facility.

2.3. Other hazards

Danger of polymerisation

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Relevant ingredients**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
	Aliphatic diurethane dimethacrylate			50 - < 100 %
	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H315 H319 H317			
97-90-5	ethylene dimethacrylate			5 - < 50 %
	202-617-2	607-114-00-5		
	Skin Sens. 1, STOT SE 3; H317 H335			
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol			5 - < 50 %
	248-666-3			
	Eye Irrit. 2, Skin Sens. 1; H319 H317			
63225-53-6	2-[[[(butylamino)carbonyl]oxy]ethyl acrylate			1 - < 5 %
	Acute Tox. 4, Skin Sens. 1A, Aquatic Chronic 2; H332 H317 H411			
84434-11-7	ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate			1 - < 5 %
	282-810-6			
	Skin Sens. 1B, Aquatic Chronic 2; H317 H411			
52408-84-1	propoxylated glycerol triacrylate			0.1 - < 1 %
	Eye Irrit. 2, Skin Sens. 1; H319 H317			
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide			0.1 - < 1 %
	423-340-5	015-189-00-5		
	Skin Sens. 1A, Aquatic Chronic 4; H317 H413			
131-57-7	Oxybenzone			0.1 - < 1 %
	Aquatic Acute 1, Aquatic Chronic 2; H400 H411			

Full text of H and EUH statements: see section 16.

Safety Data Sheet

according to UK REACH Regulation

M-PRINT TryInn

Revision date: 27.03.2025

Product code: TryInn

Page 3 of 14

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
Specific Conc. Limits, M-factors and ATE			
		Aliphatic diurethane dimethacrylate	50 - < 100 %
		oral: LD50 = > 5000 mg/kg	
97-90-5	202-617-2	ethylene dimethacrylate	5 - < 50 %
		oral: LD50 = 8700 mg/kg STOT SE 3; H335: >= 10 - 100	
27813-02-1	248-666-3	Methacrylic acid, monoester with propane-1,2-diol	5 - < 50 %
		dermal: LD50 = > 5000 mg/kg; oral: LD50 = 11200 mg/kg	
63225-53-6		2-[[[(butylamino)carbonyl]oxy]ethyl acrylate	1 - < 5 %
		inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	
84434-11-7	282-810-6	ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate	1 - < 5 %
		inhalation: LC50 = no mortality mg/l (vapours); dermal: LD50 = >=2000 mg/kg; oral: LD50 = >5000 mg/kg	
162881-26-7	423-340-5	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide	0.1 - < 1 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	
131-57-7		Oxybenzone	0.1 - < 1 %
		oral: LD50 = 12800 mg/kg	

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

Rinse mouth immediately and drink 1 glass of water.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

Non-flammable.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately.

Do not allow entering drains or surface water.

**Safety Data Sheet**

according to UK REACH Regulation

Revision date: 27.03.2025

M-PRINT TryIn

Product code: TryInn

Page 4 of 14

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****General advice**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up**For cleaning up**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

No special measures are necessary.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

Further information on handling

Sensitivity to light (photosensitive).

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Sensitivity to light (photosensitive). Keep container tightly closed. Heat (> 30 °C) or UV light should be avoided in order to prevent a spontaneous and explosive polymerisation and also to prevent the accompanying generation of heat. none UV-radiation/sunlight. Can polymerise exothermically if heated, exposed to air, sunlight or by addition of free radical initiators. Avoid high temperatures or direct sunlight.

Hints on joint storage

No special measures are necessary.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
128-37-0	2,6-Di-tert-butyl-p-cresol	-	10		TWA (8 h)	WEL

Safety Data Sheet

according to UK REACH Regulation

M-PRINT TryIn

Revision date: 27.03.2025

Product code: TryInn

Page 5 of 14

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol			
Worker DNEL, long-term		dermal	systemic	4,2 mg/kg bw/day
Worker DNEL, long-term		inhalation	systemic	14,7 mg/m ³

PNEC values

CAS No	Substance	Value
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol	
Freshwater		0,904 mg/l
Freshwater (intermittent releases)		0,972 mg/l
Freshwater sediment		6,28 mg/kg
Micro-organisms in sewage treatment plants (STP)		10 mg/l
Soil		0,727 mg/kg

8.2. Exposure controls



Individual protection measures, such as personal protective equipment

Eye/face protection

Suitable eye protection: goggles.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Use of protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid
Colour:

Melting point/freezing point:
Boiling point or initial boiling point and boiling range:
Flammability:
Flash point:
Auto-ignition temperature:
Solubility in other solvents
not determined

Test method
not determined
258 °C EEC A.2 / table 2.6.4
not applicable
132 °C ASTM D 7094:2018-02
not determined

**Safety Data Sheet**

according to UK REACH Regulation

M-PRINT TryIn

Revision date: 27.03.2025

Product code: TryInn

Page 6 of 14

Partition coefficient n-octanol/water:

not determined

Density:

1,093 g/cm³ DIN 51757:2011-01

Relative vapour density:

not determined

Particle characteristics:

not determined

9.2. Other information**Information with regard to physical hazard classes**

Explosive properties

The product is not: Explosive.

Oxidizing properties

The product is not: oxidising.

Other safety characteristics

Solid content:

0

Further Information

Kinematic viscosity : 1200 ± 150 mPas ISO 3219

SECTION 10: Stability and reactivity**10.1. Reactivity**

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

In the presence of radical formers (e.g. peroxides, persulfates), reducing or oxidising substances and/or heavy metal ions and other polymerisation initiators as well as polymethyl methacrylates (polymer powder), polymerisation takes place under heat generation.

10.4. Conditions to avoid

UV-radiation/sunlight.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

Based on available data, the classification criteria are not met.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Safety Data Sheet

according to UK REACH Regulation

M-PRINT TryIn

Revision date: 27.03.2025

Product code: TryInn

Page 7 of 14

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
	Aliphatic diurethane dimethacrylate				
	oral	LD50 > 5000 mg/kg	Rat oral	REACH Dossier	OECD 401
97-90-5	ethylene dimethacrylate				
	oral	LD50 8700 mg/kg	Rat	ECHA Dossier	FDA (1959)
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol				
	oral	LD50 11200 mg/kg	Rat	Supplier	-
	dermal	LD50 > 5000 mg/kg	Rabbit	Supplier	-
63225-53-6	2-[[[(butylamino)carbonyl]oxy]ethyl acrylate				
	oral	LD50 > 2000 mg/kg	Rat oral	Lieferant	OECD 401
	dermal	LD50 > 2000 mg/kg	Rabbit oral	Lieferant	OECD 402
	inhalation vapour	ATE 11 mg/l			
	inhalation dust/mist	ATE 1,5 mg/l			
84434-11-7	ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate				
	oral	LD50 >5000 mg/kg	rat (male / female)	study report 1982	OECD 401
	dermal	LD50 >=2000 mg/kg	rat (male / female)	study report 2013	OECD 402
	inhalation vapour	LC50 no mortality mg/l	rat (male / female)	study report 1982	OECD 403
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide				
	oral	LD50 > 2000 mg/kg	Rat	Supplier	OECD 401
	dermal	LD50 > 2000 mg/kg	Rat	Supplier	OECD 402
131-57-7	Oxybenzone				
	oral	LD50 12800 mg/kg	Rat	ECHA Dossier	OECD 401

Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

Sensitising effects

May cause an allergic skin reaction. (Aliphatic diurethane dimethacrylate; ethylene dimethacrylate; Methacrylic acid, monoester with propane-1,2-diol; 2-[[[(butylamino)carbonyl]oxy]ethyl acrylate; ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate; propoxylated glycerol triacrylate; phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide)

Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive toxicity: Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.



Safety Data Sheet

according to UK REACH Regulation

M-PRINT TryIn

Revision date: 27.03.2025

Product code: TryInn

Page 8 of 14

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

Safety Data Sheet

according to UK REACH Regulation

M-PRINT TryInn

Revision date: 27.03.2025

Product code: TryInn

Page 9 of 14

CAS No	Chemical name						
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method	
	Aliphatic diurethane dimethacrylate						
	Acute fish toxicity	LC50 mg/l	0,715	96 h	Pimephales promelas (fathead minnow)	EpiSuite QSAR tool	Quantitative structure-activity relationship (QSAR)
	Acute algae toxicity	ErC50 mg/l	> 0,68	72 h	Desmodesmus subspicatus	REACH Dossier	OECD 201
	Acute crustacea toxicity	EC50 mg/l	> 1,2	48 h	Daphnia magna (Big water flea)	REACH Dossier	OECD 202
	Algae toxicity	NOEC mg/l	> 0,21	3 d	Desmodesmus subspicatus	REACH Dossier	OECD 201
	Crustacea toxicity	NOEC mg/l	> 1,2	2 d	Daphnia magna (Big water flea)	REACH Dossier	OECD 202
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol						
	Acute fish toxicity	LC50	493 mg/l	96 h	Leuciscus idus (golden orfe) 48h	Supplier	
63225-53-6	2-[[butylamino]carbonyl]oxy]ethyl acrylate						
	Acute fish toxicity	LC50 mg/l	3348	96 h	Pimephales promelas (fathead minnow)	EpiSuite QSAR tool	Quantitative structure-activity relationship (QSAR)
	Acute algae toxicity	ErC50 mg/l	0,294		Pseudokirchneriella subcapitata s.	EpiSuite QSAR tool	Quantitative structure-activity relationship (QSAR)
	Acute crustacea toxicity	EC50 mg/l	7306	48 h	Daphnia magna (Big water flea)	EpiSuite QSAR tool	Quantitative structure-activity relationship (QSAR)
84434-11-7	ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate						
	Acute fish toxicity	LC50 mg/l	>=1,89	96 h	Danio rerio	study report 2013	OECD 203
	Acute algae toxicity	ErC50 mg/l	0,239	72 h	Desmodesmus subspicatus	study report 2013	OECD 201
	Acute crustacea toxicity	EC50 mg/l	2,26	48 h	Daphnia magna	study report 2014	OECD 202
	Fish toxicity	NOEC mg/l	>=1,29	4 d	Danio rerio	study report 2013	OECD 203
	Acute bacteria toxicity	EC50 mg/l ()	>1000	3 h	activated sludge, domestic	study report 2003	OECD 209
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide						
	Acute fish toxicity	LC50 mg/l	> 0,09	96 h	Danio rerio (zebrafish)	Supplier	
	Crustacea toxicity	NOEC mg/l	> 0,0081			Supplier	OECD 211
	Acute bacteria toxicity	EC50 mg/l ()	> 100			Supplier	OECD 209
131-57-7	Oxybenzone						
	Acute algae toxicity	ErC50 mg/l	0,47	72 h		ECHA Dossier	

Safety Data Sheet

according to UK REACH Regulation

M-PRINT TryIn

Revision date: 27.03.2025

Product code: TryInn

Page 10 of 14

12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name	Value	d	Source
	Method			
	Evaluation			
	Aliphatic diurethane dimethacrylate			
	OECD 301 B	22 %	28	REACH Dossier
	Not readily biodegradable (according to OECD criteria)			
97-90-5	ethylene dimethacrylate			
	OECD 301 F, GLP	69 %	28	ECHA Dossier
	Readily biodegradable (according to OECD criteria).			
84434-11-7	ethyl phenyl(2,4,6-trimethylbenzoyl)phosphinate			
	OECD Guideline 301 F (Ready Biodegradability)	< 10%	28	study report 2003
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide			
	OECD 301B	1%	29	
	Not readily biodegradable (according to OECD criteria)			

12.3. Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	Aliphatic diurethane dimethacrylate	4,69
97-90-5	ethylene dimethacrylate	2,4
27813-02-1	Methacrylic acid, monoester with propane-1,2-diol	0,97
63225-53-6	2-[[[(butylamino)carbonyl]oxy]ethyl acrylate	1.82
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)phosphine oxide	5,8

BCF

CAS No	Chemical name	BCF	Species	Source
	Aliphatic diurethane dimethacrylate	24,41	n/n	EpiSuite QSAR tool
97-90-5	ethylene dimethacrylate	13,32	n.n.	EPIWIN Tool
63225-53-6	2-[[[(butylamino)carbonyl]oxy]ethyl acrylate	7,325	n/n	EpiSuite QSAR tool
131-57-7	Oxybenzone	36 -158		

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The product has not been tested.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

**Safety Data Sheet**

according to UK REACH Regulation

Revision date: 27.03.2025

M-PRINT TryIn

Product code: TryInn

Page 11 of 14

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

070208 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; other still bottoms and reaction residues; hazardous waste

List of Wastes Code - used product

070208 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; other still bottoms and reaction residues; hazardous waste

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 75

Information according to Directive 2012/18/EU (SEVESO III):	Not subject to 2012/18/EU (SEVESO III)
---	--

National regulatory information

**Safety Data Sheet**

according to UK REACH Regulation

M-PRINT TryIn

Revision date: 27.03.2025

Product code: TryInn

Page 12 of 14

Employment restrictions:	Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).
Water hazard class (D):	3 - highly hazardous to water
Skin resorption/Sensitization:	Causes allergic hypersensitivity reactions.

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s): 2,3,9.

Safety Data Sheet

according to UK REACH Regulation

M-PRINT TryIn

Revision date: 27.03.2025

Product code: TryInn

Page 13 of 14

Abbreviations and acronyms

Acute Tox: Acute toxicity
Skin Irrit: Skin irritation
Eye Irrit: Eye irritation
Skin Sens: Skin sensitisation
STOT SE: Specific target organ toxicity - single exposure
Aquatic Acute: Acute aquatic hazard
Aquatic Chronic: Chronic aquatic hazard
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
EC/EEC: European Community/European Economic Community
EU: European Union
CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
M-factor: Multiplying factor
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Regulations concerning the international carriage of dangerous goods by rail
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
IMDG: International Maritime Code for Dangerous Goods
EmS: Emergency Schedules
MFAG: Medical First Aid Guide
IATA: International Air Transport Association
DGR: Dangerous Goods Regulations
ICAO: International Civil Aviation Organization
TI: Technical Instructions
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
VOC: volatile organic compound
SVHC: Substance of Very High Concern
For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Key literature references and sources for data

supplier (manufacturer/importer/downstream user/distributor)
ECHA

**Safety Data Sheet**

according to UK REACH Regulation

M-PRINT TryIn

Revision date: 27.03.2025

Product code: TryInn

Page 14 of 14

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Skin Irrit. 2; H315	Calculation method
Eye Irrit. 2; H319	Calculation method
Skin Sens. 1; H317	Calculation method
Aquatic Chronic 3; H412	Calculation method

Relevant H and EUH statements (number and full text)

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

Further Information

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Identified uses

No	Short title	LCS	SU	PC	PROC	ERC	AC	TF	Specification
1	Werkstoff zur Herstellung dentaler Medizinprodukte	-	-	-	-	-	-	-	2

LCS: Life cycle stages

PC: Product categories

ERC: Environmental release categories

TF: Technical functions

SU: Sectors of use

PROC: Process categories

AC: Article categories

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)