

according to UK REACH Regulation

Primeprint Temp

Revision date: 17.12.2020 Product code: 919 Page 1 of 12

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

1.1. Product identifier

Primeprint Temp

UFI: 0G2W-V0Y1-F00V-N50C; 38JX-N0UM-Q00N-73KR; QFDX-A06D-J00W-6YY4

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

Use of the substance/mixture

Light-curing single-component material for the generative production of dental restorations such as temporary crowns and bridges.

1.3. Details of the supplier of the safety data sheet

Company name: DETAX GmbH
Street: Carl-Zeiss-Straße 4
Place: D-76275 Ettlingen

Telephone: +49 7243/510-0 Telefax: +49 7243/510-100

e-mail: post@detax.com Internet: www.detax.com

Responsible Department: This number is only obtainable during office hours

(Monday - Thursday 8.00 a.m. - 5.00 p.m., Friday 8.00 a.m. - 4.00 p.m.)

1.4. Emergency telephone +1-800-424-9300 (CHEMTREC worldwide)

number:

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 STOT SE 3; H335 Aquatic Chronic 2; H411

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

isopropylidenediphenol peg dimethacrylate

7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate

2-hydroxyethyl methacrylate

diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide

Hydroxy propyl methacrylate

phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide

Signal word: Warning

Pictograms:





Hazard statements

H315 Causes skin irritation.

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



according to UK REACH Regulation

Primeprint Temp

Revision date: 17.12.2020 Product code: 919 Page 2 of 12

H335 May cause respiratory irritation.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

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

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

P391 Collect spillage.

P501 Dispose of contents/ container in accordance with local and national regulations.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of acrylic/ methacrylic resins with auxilliary matters.

Hazardous components

Chemical name			Quantity
EC No	Index No	REACH No	
Classification (GB CLP Regulation)	•	
isopropylidenediphenol peg dimeth	acrylate		45 - < 60 %
609-946-4		01-2119980659-17	
Aquatic Chronic 4; H413			
7,7,9(or 7,9,9)-trimethyl-4,13-dioxo	-3,14-dioxa-5,12-diazahex	adecane-1,16-diyl bismethacrylate	30 - < 35 %
276-957-5		01-2120751202-68	
Skin Sens. 1B, Aquatic Chronic 2;	H317 H411		
1,6-hexanediol dimethacrylate			1 - < 5 %
229-551-7			
Skin Irrit. 2, Eye Irrit. 2, STOT SE 3	3; H315 H319 H335		
2-hydroxyethyl methacrylate		1 - < 5 %	
212-782-2	607-124-00-X	01-2119490169-29	
Skin Irrit. 2, Eye Irrit. 2, Skin Sens.	1; H315 H319 H317		
diphenyl(2,4,6-trimethylbenzoyl)ph	osphine oxide		1 - < 5 %
278-355-8	015-203-00-X	01-2119972295-29	
Repr. 2, Skin Sens. 1B, Aquatic Ch	nronic 2; H361 H317 H411		
Hydroxy propyl methacrylate			1 - < 5 %
248-666-3		01-2119490226-37	
Eye Irrit. 2, Skin Sens. 1; H319 H3	17		
phenyl bis(2,4,6-trimethylbenzoyl)-	phosphine oxide		< 1 %
423-340-5	015-189-00-5	01-2119489401-38	
Skin Sens. 1A, Aquatic Chronic 4; H317 H413			
	EC No Classification (GB CLP Regulation isopropylidenediphenol peg dimethe 609-946-4 Aquatic Chronic 4; H413 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo 276-957-5 Skin Sens. 1B, Aquatic Chronic 2; 1,6-hexanediol dimethacrylate 229-551-7 Skin Irrit. 2, Eye Irrit. 2, STOT SE 32-hydroxyethyl methacrylate 212-782-2 Skin Irrit. 2, Eye Irrit. 2, Skin Sens. diphenyl (2,4,6-trimethylbenzoyl)ph 278-355-8 Repr. 2, Skin Sens. 1B, Aquatic Chrydroxy propyl methacrylate 248-666-3 Eye Irrit. 2, Skin Sens. 1; H319 H3 phenyl bis(2,4,6-trimethylbenzoyl)-423-340-5	EC No Classification (GB CLP Regulation) isopropylidenediphenol peg dimethacrylate 609-946-4 Aquatic Chronic 4; H413 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexi 276-957-5 Skin Sens. 1B, Aquatic Chronic 2; H317 H411 1,6-hexanediol dimethacrylate 229-551-7 Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335 2-hydroxyethyl methacrylate 212-782-2 607-124-00-X Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H315 H319 H317 diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide 278-355-8 015-203-00-X Repr. 2, Skin Sens. 1B, Aquatic Chronic 2; H361 H317 H411 Hydroxy propyl methacrylate 248-666-3 Eye Irrit. 2, Skin Sens. 1; H319 H317 phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide 423-340-5 015-189-00-5	EC No Index No REACH No Classification (GB CLP Regulation) isopropylidenediphenol peg dimethacrylate 609-946-4 01-2119980659-17 Aquatic Chronic 4; H413 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate 276-957-5 01-2120751202-68 Skin Sens. 1B, Aquatic Chronic 2; H317 H411 1,6-hexanediol dimethacrylate 229-551-7 Skin Irrit. 2, Eye Irrit. 2, STOT SE 3; H315 H319 H335 2-hydroxyethyl methacrylate 212-782-2 607-124-00-X 01-2119490169-29 Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1; H315 H319 H317 diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide 278-355-8 015-203-00-X 01-2119972295-29 Repr. 2, Skin Sens. 1B, Aquatic Chronic 2; H361 H317 H411 Hydroxy propyl methacrylate 248-666-3 01-2119490226-37 Eye Irrit. 2, Skin Sens. 1; H319 H317 phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide 423-340-5 015-189-00-5 01-2119489401-38

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



according to UK REACH Regulation

Primeprint Temp

Revision date: 17.12.2020 Product code: 919 Page 3 of 12

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Cond	c. Limits, M-factors and ATE	
41637-38-1	609-946-4	isopropylidenediphenol peg dimethacrylate	45 - < 60 %
	dermal: LD50	0 = >2000 mg/kg; oral: LD50 = >2000 mg/kg	
72869-86-4	276-957-5	7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate	30 - < 35 %
	dermal: LD50	0 = >2000 mg/kg; oral: LD50 = >5000 mg/kg	
868-77-9	212-782-2	2-hydroxyethyl methacrylate	1 - < 5 %
	dermal: LD50	0 = >5000 mg/kg; oral: LD50 = 5564 mg/kg	
75980-60-8	278-355-8	diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	1 - < 5 %
	dermal: LD50	0 = >2000 mg/kg; oral: LD50 = >5000 mg/kg	
27813-02-1	248-666-3	Hydroxy propyl methacrylate	1 - < 5 %
	dermal: LD50	0 = >5000 mg/kg; oral: LD50 = >2000 mg/kg	
162881-26-7	423-340-5	phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	< 1 %
	dermal: LD50	0 = >2000 mg/kg; oral: LD50 = >2000 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 polyethylene glycol, followed by plenty of water. Take off immediately all contaminated clothing and wash it before reuse. Medical treatment necessary.

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 plenty of water.

Seek immediately medical advice. Do not induce vomiting. In case of spontaneous vomiting take care of an unhindered flow out of the vomit (danger of suffocation).

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.

SECTION 6: Accidental release measures





according to UK REACH Regulation

Primeprint Temp

Revision date: 17.12.2020 Product code: 919 Page 4 of 12

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

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). 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

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

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 or drink.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Hints on joint storage

Keep away from spontaneous flammable or combustible substances.

Further information on storage conditions

Keep only in the original container in a dry and well-ventilated place, away from foodstuffs. Keep away from all kind of ligth. An inert gas blanket should not be applied, because the stability of the product depends on the presence of oxygen (air).

7.3. Specific end use(s)

Ligth curing material for fabrication of dental splints and guides.

For use by trained specialist staff.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters



according to UK REACH Regulation

Primeprint Temp

Revision date: 17.12.2020 Product code: 919 Page 5 of 12

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
75980-60-8	0-60-8 diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide			
Worker DNEL	, long-term	inhalation	systemic	0,822 mg/m³
Worker DNEL, long-term		dermal	systemic	0,233 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	0,145 mg/m³
Consumer DNEL, long-term		dermal	systemic	0,0833 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,0833 mg/kg bw/day

8.2. Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

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.

Suitable are gloves of the following material: Butyl caoutchouc (butyl rubber)

Skin protection

Wear suitable 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: tooth-like
Odour: faintly like esters

Test method

Changes in the physical state

Melting point/freezing point: not determined
Boiling point or initial boiling point and not determined

boiling range:

Flash point: >100 °C DIN 51755

Flammability

Solid/liquid: not applicable
Gas: not applicable
Lower explosion limits: not determined
Upper explosion limits: not determined

DETAX GmbH



Safety Data Sheet

according to UK REACH Regulation

Primeprint Temp

Product code: 919 Revision date: 17.12.2020 Page 6 of 12

Self-ignition temperature

Solid: not applicable Gas: not applicable >=190 °C Decomposition temperature: pH-Value: not determined The study does not need to be conducted Water solubility: because the substance is known to be

insoluble in water

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined Vapour pressure: <1 hPa

(at 20 °C)

Density (at 20 °C): 1,1 g/cm3 DIN 51757

Relative vapour density: not determined

9.2. Other information

Information with regard to physical hazard classes

Oxidizing properties Not oxidizing.

Other safety characteristics

Solid content: not determined Evaporation rate: not determined

Further Information

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

Reacts with: strong oxidising agents, strong alcaline or acidic materials.

10.4. Conditions to avoid

Ultra-violet ligth and dayligth initiate polymerisation of the product. Therefore keep only in tigthly closed containers away from any sources of ligth at 15°C - 28°C / 59°F - 82 °F.

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.



according to UK REACH Regulation

Primeprint Temp

Revision date: 17.12.2020 Product code: 919 Page 7 of 12

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
41637-38-1	isopropylidenediphenol pe	eg dimethacry	late			
	oral	LD50 mg/kg	>2000	Rat		
	dermal	LD50 mg/kg	>2000	Rat		
72869-86-4	7,7,9(or 7,9,9)-trimethyl-4	,13-dioxo-3,14	4-dioxa-5,1	2-diazahexadecane-1,16-	diyl bismethacrylate	
	oral	LD50 mg/kg	>5000	Rat	OECD 401	
	dermal	LD50 mg/kg	>2000	Rat	OECD 402	
868-77-9	2-hydroxyethyl methacrylate					
	oral	LD50 mg/kg	5564	Rat		
	dermal	LD50 mg/kg	>5000	Rabbit		
75980-60-8	diphenyl(2,4,6-trimethylbe	enzoyl)phosph	nine oxide			
	oral	LD50 mg/kg	>5000	Rat		
	dermal	LD50 mg/kg	>2000	Rat		
27813-02-1	Hydroxy propyl methacryl	ate				
	oral	LD50 mg/kg	>2000	Rat	OECD 401	
	dermal	LD50 mg/kg	>5000	Rabbit		
162881-26-7	phenyl bis(2,4,6-trimethyl	benzoyl)-phos	sphine oxide	e		
	oral	LD50 mg/kg	>2000	Rat	OECD 401	
	dermal	LD50 mg/kg	>2000	Rat	OECD 402	

Irritation and corrosivity

Causes skin irritation.

Causes serious eye irritation.

Sensitising effects

May cause an allergic skin reaction. (7,7,9(or 7,9,9)

-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bismethacrylate; 2-hydroxyethyl methacrylate; diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide; Hydroxy propyl methacrylate; phenyl

bis(2,4,6-trimethylbenzoyl)-phosphine oxide)

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

May cause respiratory irritation.

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.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].



according to UK REACH Regulation

Primeprint Temp

Revision date: 17.12.2020 Product code: 919 Page 8 of 12

SECTION 12: Ecological information

12.1. Toxicity

The product is not: Ecotoxic.

THE PI	oduct is not. Ecotoxic.						
CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method
41637-38-1	isopropylidenediphenol peg dimethacrylate						
	Acute fish toxicity	LC50 mg/l	>100	96 h			
	Acute crustacea toxicity	EC50 mg/l	>100	48 h			
72869-86-4	7,7,9(or 7,9,9)-trimethyl-4	,13-dioxo-3,	14-dioxa-5,1	2-diazah	exadecane-1,16-diyl bisn	nethacrylate	
	Acute crustacea toxicity	EC50 mg/l	>1,2	48 h	Daphnia magna (Big water flea)	OECD 202	
868-77-9	2-hydroxyethyl methacryla	ate					
	Acute fish toxicity	LC50 mg/l	>100	96 h	Oryzias latipes		OECD 203
	Acute algae toxicity	ErC50	836 mg/l	72 h	Selenastrum capricornutum		OECD 201
	Acute crustacea toxicity	EC50	380 mg/l	48 h	Daphnia magna		OECD 202
75980-60-8	0-60-8 diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide						
	Acute algae toxicity	ErC50 mg/l	>2,01	72 h	Pseudokirchneriella subcapitata		
	Acute crustacea toxicity	EC50 mg/l	3,53	48 h	Daphnia magna (Big water flea)		
	Acute bacteria toxicity	(EC50 mg/l)	>1000	3 h	Activated sludge		
27813-02-1	Hydroxy propyl methacryl	ate					
	Acute fish toxicity	LC50	493 mg/l	96 h	Leuciscus idus (golden orfe)		
	Acute algae toxicity	ErC50 mg/l	>97,2	72 h	Pseudokirchneriella subcapitata	OECD 201	
	Acute crustacea toxicity	EC50	380 mg/l	48 h	Daphnia magna (Big water flea)	OECD 202	
162881-26-7	phenyl bis(2,4,6-trimethyll	oenzoyl)-ph	osphine oxid	Э			
	Acute fish toxicity	LC50 mg/l	>0,09	96 h	Danio rerio (zebrafish)	OECD 203	
	Acute algae toxicity	ErC50 mg/l	>0,26	72 h	Desmodesmus subspicatus	OECD 201	
	Acute crustacea toxicity	EC50 mg/l	>1,175	48 h	Daphnia magna (Big water flea)	OECD 202	
	Crustacea toxicity	NOEC mg/l	>0,008	21 d	Daphnia magna (Big water flea)	OECD 211	
	Acute bacteria toxicity	(EC50 mg/l)	>100	3 h	OECD 209		

12.2. Persistence and degradability

The product has not been tested.



according to UK REACH Regulation

Primeprint Temp

Revision date: 17.12.2020 Product code: 919 Page 9 of 12

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation	-	-	-
868-77-9	2-hydroxyethyl methacrylate			
		92-100%	14	
	Readily biodegradable (according to OECD criteria).			
75980-60-8	-60-8 diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide			
		0-10%	28	
	Not readily biodegradable (according to OECD criteria)			
27813-02-1	Hydroxy propyl methacrylate			
	OECD	94%	28	
	Readily biodegradable (according to OECD criteria).			
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide			
	CO2 formation (% of the theoretical value).	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
75980-60-8	liphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	
27813-02-1	Hydroxy propyl methacrylate	0,97
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	5,8

BCF

CAS No	Chemical name	BCF	Species	Source
	diphenyl(2,4,6-trimethylbenzoyl)phosphi ne oxide		Cyprinus carpio (Common Carp)	
162881-26-7	phenyl bis(2,4,6-trimethylbenzoyl) -phosphine oxide	<5	Cyprinus carpio (Common Carp)	OECD 305

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.

Not identivied as PBT/ vPvB substances

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

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.

Contaminated packaging

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



according to UK REACH Regulation

Primeprint Temp

Revision date: 17.12.2020 Product code: 919 Page 10 of 12

substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: UN 3082

14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Contains: 7,7,9(or 7,9,9)

-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diylbismetha

crylate

14.3. Transport hazard class(es):914.4. Packing group:IIIHazard label:9Classification code:M6

Special Provisions: 274 335 375 601 Limited quantity: 5 L/ 30 kg

Excepted quantity: E1
Transport category: 3
Hazard No: 90
Tunnel restriction code: -

Other applicable information (land transport)

Contains: 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diylbismethacrylate

Marine transport (IMDG)

14.1. UN number or ID number: UN 3082

14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Contains: 7,7,9(or 7,9,9)

-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diylbismetha

crylate

14.3. Transport hazard class(es):914.4. Packing group:IIIHazard label:9Marine pollutant:YES

Special Provisions: 274, 335, 969
Limited quantity: 5 L/ 30 kg
Excepted quantity: E1
EmS: F-A, S-F

Other applicable information (marine transport)

Contains: 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diylbismethacrylate

Flash point: > 100°C

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 3082

14.2. UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

Contains: 7,7,9(or 7,9,9)

-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diylbismetha

crylate

14.3. Transport hazard class(es):914.4. Packing group:IIIHazard label:9

Special Provisions:

A97 A158 A197
Limited quantity Passenger:

30 kg G
Passenger LQ:

Y964
Excepted quantity:

E1

IATA-packing instructions - Passenger: 964
IATA-max. quantity - Passenger: 450 L
IATA-packing instructions - Cargo: 964



according to UK REACH Regulation

Primeprint Temp

Revision date: 17.12.2020 Product code: 919 Page 11 of 12

IATA-max. quantity - Cargo: 450 L

Other applicable information (air transport)

Contains: 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diylbismethacrylate

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes

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 3, Entry 75

National regulatory information

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.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

H315

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
STOT SE 3; H335	Calculation method
Aquatic Chronic 2; H411	Calculation method

Relevant H and EUH statements (number and full text)

	Caacco chiii ii iiaaticii.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Causes skin irritation

H361 Suspected of damaging fertility or the unborn child.





according to UK REACH Regulation

Primeprint Temp

Revision date: 17.12.2020 Product code: 919 Page 12 of 12

H411 Toxic 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.

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